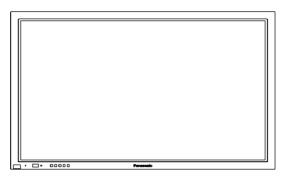
**ORDER NO. ITD0306012C0** 

D10 Canada: B07

# Service Manual

**Wide Plasma Display** 

TH-42PW6EX / TH-42PW6BX / TH-42PWD6EX / TH-42PWD6BX / TH-42PWD6UY GP6D Chassis



#### **SPECIFICATIONS**

**Specifications** 

Power Source: AC120V 50/60Hz (UY version)

AC220-240V 50/60Hz

(Except UY version model)

Power Consumption: 265 W

Save off 1.5 W, Save on 0.6 W (stand-by

condition) (UY version)

Save off 1.8 W, Save on 0.8 W (stand-by

condition)

(Except UY version model) 0.4 W (Power off condition)

(UY version model)

0.6 W (Power off condition) (Except UY version model)

Plasma Display panel: Drive method AC type

16:9 aspect ratio

Contrast Ratio 4000:1

Screen size: 818 mm (W) x 461 mm (H)

939 mm (diagonal) (37 inch) 920 mm (W) × 518 mm (H) 1,056 mm (diagonal) (42 inch)

No. of pixels

408,960 (852 (W) × 480 (H))

[2,556 × 480 dots]

Operating condition:

Temperature 34 °F - 104 °F (0 °C - 40 °C)

Humidity 20 % - 80 %

Horizontal scanning frequency 15.6 -

110kHz

Vertical scanning frequency 48 - 120Hz

Connection terminals:

ΑV

Video in 1.0 Vp-p (75-ohm)

S-VIDEO IN / (MINI DIN Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p

4PIN) (75-ohm)

AUDIO IN / (RCA PIN 0.5 Vrms (high impedance)

JACK × 2)

COMPONENT/RGB

Y/G 1.0 Vp-p/composite (75-ohm)

0.7 Vp-p/non-composite (75-ohm)

PB /B 0.7 Vp-p (75-ohm)
PR /R 0.7 Vp-p (75-ohm)

HD 1.0 - 5.0 Vp-p (high impedance)
VD 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN 0.5 Vrms (high impedance)

(RCA PIN JACK×2)

PC

(HIGH-DENSITY R,G,B/0.7 Vp-p (75-ohm)

D-SUB15PIN)

HD, VD/1.0 - 5.0 Vp-p (high

impedance)

AUDIO IN (M3 JACK) 0.5Vrms (high impedance)

**SERIAL** 

EXTERNAL CONTROL RS-232C COMPATIBLE

**TERMINAL (D-SUB9PIN)** 

SPEAKERS (External 16W [8W+8W] (10% THD)

speakers) (6  $\Omega$  )

Dimensions (W×H×D): 1,020 mm × 610 mm 89 mm

Weight (Mass) approx. 28.9 kg net (main unit only)

approx. 33.1 kg net (with speakers)

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#### **⚠ WARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

## **Panasonic**®

## 1. Applicable signals

	signal name	horizontal frequency(kHz)	vertital frequency(Hz)			
1	NTSC	15.734	59.95	<i>_</i>		
2	PAL	15.625	50	ابد ) ا	Mark:	)
3	PAL60	15.734	59.95			ing the optional
4	SECAM	15.625	50			Board.
5	Modified NTSC	15.734	59.95	( '~		board.
	able input signals for PC Inpu			' \_	÷	<u> </u>
	signal name	horizontal frequency(kHz)	vertital frequency(Hz)	RGB	PC	when Multi Screen and Digital Zoom
1	525(480)/60i	15.73	59.94	*	*	*
2	525(480)/60p	31.47	59.94	*	*	*
3	625(575)/50i	15.63	50.00	*	*	*
4	625(575)/50p	31.25	50.00	*	*	*
5	750(720)/60p	45.00	60.00	*	*	*
6	750(720)/50p	37.50	50.00	*	*	*
7	1,125(1,080)/60i	33.75	59.94	*	*	*
8	1,125(1,080)/50i	28.13	50.00	*	*	*
9	1,125(1,080)/24p	27.00	24.00	*	*	
10	1,125(1,080)/24sF	27.00	48.00	*	*	*
11	1,250(1,080)/50i	31.25	50.00	*	*	*
12	640×400@70 Hz	31.47	70.00		*	*
13	640×480@60 Hz	31.47	59.94		*	*
14	Macintosh13"(640 × 480)	35.00	66.67		*	*
15	640×480@75 Hz	37.50	75.00		*	*
16	852×480@60 Hz	31.50	60.00		*	*
17	800×600@60 Hz	37.88	60.32		*	*
18	800×600@75 Hz	46.88	75.00		*	*
19	800×600@85 Hz	53.67	85.06		*	*
20	Macintosh16"(832 × 624)	49.73	74.55		*	*
21	1,024×768@60 Hz	48.36	60.00		*	*
22	1,024×768@70 Hz	56.48	70.07		*	*
23	1,024×768@75 Hz	60.02	75.03		*	*
24	1,024×768@85 Hz	68.68	85.00		*	*
25	Macintosh21"(1,152×870)	68.68	75.06		*	
26	1,280 × 1,024@60 Hz	63.98	60.02		*	
27	1,280×1,024@75 Hz	79.98	75.03		*	
28	1,280 × 1,024@85 Hz	91.15	85.02		*	
29	1,600 × 1,200@60 Hz	75.00	60.00		*	
30	1,0660 × 600@60 Hz	37.88	60.32		*	*
31	1,366 × 768@60 Hz	48.36	60.00		*	*

## 2. Safety Precautions

#### 2.1. General Guidelines

- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

#### 2.1.1. Leakage Current Cold Check

- 1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohmmeter, between the

jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1M  $\Omega$  and 5.2M  $\Omega$ . / When the exposed metal does not have a return path to the chassis, the reading must be.

Hot-Check Circuit

AC VOLTMETER

TO

APPLIANCES
EXPOSED

METAL PARTS 1500Ω 10W

COLD
WATER PIPE
(EARTH GROUND)

#### 2.1.2. Leakage Current Hot Check (See Figure 1.)

- 1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a 1.5k  $\Omega$ , 10 watts resistor, in parallel with a 0.15  $\mu$  F capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
- 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- 4. Check each exposed metallic part, and measure the voltage at each point.
- 5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

## 3. Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such

components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, whichshould be removed for potential shock reasons prior to applying power to the unit under test.
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparableconductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

#### Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing

together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient todamage an ES device).

#### IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety. These parts are marked by  $\Delta$  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

## 4. About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder. The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu). That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

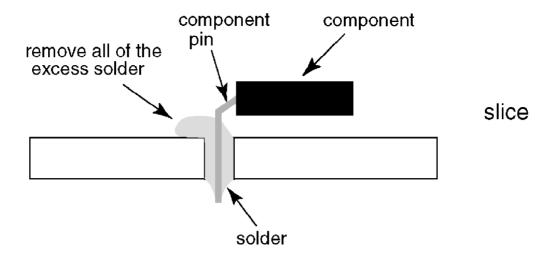
PCBs manufactured using lead free solder will have the PbF within a leaf Symbol



stamped on the back of PCB.

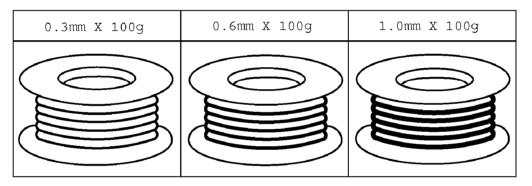
#### Caution

- Pb free solder has a higher melting point than standard solder. Typically the melting point is  $50 \sim 70 \,^{\circ}\text{F} (30\sim40 \,^{\circ}\text{C})$  higher. Please use a high temperature soldering iron and set it to  $700 \pm 20 \,^{\circ}\text{F} (370 \pm 10 \,^{\circ}\text{C})$ .
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).
  - If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



#### Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also beused.

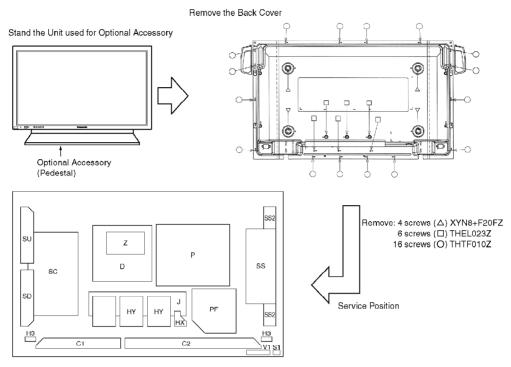


## 5. PCB Structure sheet of GP6D chassis

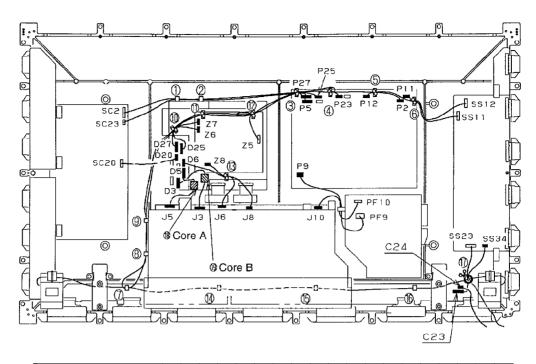
Board Name	Function	Remarks
D	Digital Signal Processor	1
J	Slot Interface & SYNC processor	1
Z	Audio out, DC-DC converter	
SS	Sustain Out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Lower Right)	
C2	Data Drive (Lower Left)	
Н3	Speaker terminal	
S1	Power switch	
SS2	Sustain connection (Upper)	
SS3	Sustain connection (Lower)	
V1	Front SW. & Remote receiver	
PF	Line filter	
Р	Power supply	1
нх	PC_type_Input terminal	
HY	BNC Composite/Component Video	2
HZ	<b>BNC Component Video</b>	3

#### Remarks

- 1. Recommend PCB's for initial service for GP6D chassis.
- 2. For System model except BX, EX version
- 3. For Consumer model except BX, EX version
- 6. Service Hint



## 7. Location of Lead Wiring



	CLAMPER	(1)	(2)	(3)	4	(5)	(6)	(7)	8	(a)	(1)	(11)	13	(13)	(1)	(ab)	16	<del>(1)</del>	(10)	19
CON:NO —	CON:NO	$\Box$	(	9	1	9	0	$\odot$	9	<u>ه</u>	9	$\bigcirc$	9	9		(3)	0	$\bigcirc$	(O)	
SC2	— P2	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$														
SC23	— P23		$\bigcirc$	$\bigcirc$	$\bigcirc$															
SC20	— D20																			
D27	— P27			$\bigcirc$							$\bigcirc$	$\bigcirc$	$\bigcirc$							
D25	—— P25			$\bigcirc$							$\bigcirc$	$\bigcirc$	$\bigcirc$							
D3	— Јз																			$\bigcirc$
D25	— ЈЗ													$\bigcirc$						
Z8	—— J8													$\bigcirc$						
D5	—— J5																		$\bigcirc$	
Z5	P5			$\bigcirc$	$\bigcirc$								0							
<b>Z</b> 7	—— H37 (SC SIDE)							$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$								
Z6	—— H37 (SS SIDE)							$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$				$\bigcirc$	$\bigcirc$	$\bigcirc$		
P12	— SS12					$\bigcirc$	$\bigcirc$													
P11	— SS11						$\bigcirc$													
C23	— SS23																	$\bigcirc$		
POWER SW	— SS34																	$\bigcirc$		

Wind up second times.

Connector Connection: P2, P5, P9, P11, P12, P23, P25, P27

Z6, Z7, Z8,

D3, D5, D6, D20, D25, D27

J3, J5, J6, J8, J10,

SS34, C23, C24

## 8. Adjustment Procedure

## 8.1. +B Set-up

#### 8.1.1. Item / Preparation

1. Input a Grey scale signal.

2. Set the picture controls: -

Picture mode: Normal White balance: Normal

#### 8.1.2. Adjustments

Adjust and confirm indicated test point for the specified voltage.

#### **Adjust**

Name	Volume	Voltage	Test Point	Remarks
Vsus	R605	170V ± 1V	P11 pin 2	
Vda	R590	67V ± 0.5V	P12 pin 1	

#### Confirm

Name	Voltage	Test Point	Remarks
15V	15.4V ± 0.5V	P23 pin 1	
15V	15.2V ± 0.5V	P7 pin 1	
12V	11.8V ± 0.5V	P25 pin 1	
Audio 12V	12.5V ± 0.8V	P5 pin 7	
5V	5.1V ± 0.3V	P25 pin 5	
STB 5V	5.0V ± 0.3V	P27 pin 4	
Fan 15V	15.4V ± 0.5V	P10 pin 1	
Fan 5V	5.1V ± 0.3V	P10 pin 4	
PFC	380V ± 15V	C468(+),	
		C468(-)	

#### 8.2. Driver Set-up

#### 8.2.1. Item / Preparation

1. Input an APL 100 % white signal.

2. Set the picture controls: -

Picture mode: Normal White balance: Cool

**Aspect: 16:9** 

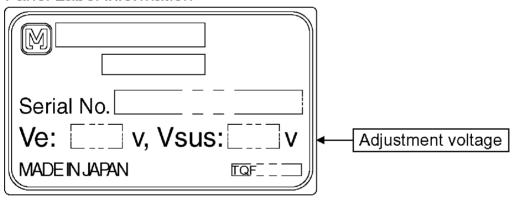
#### 8.2.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	170V ± 1V	R605 (P)	
Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)	
Ve	TPVE (SS)	158V ± 1V	R6774 (SS)	
Vset	TPVSET (SC)	218V ± 6V		
Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)	
Vscn	TPVSCN (SC)	Vad*+118V ± 2V		
Vda	TPVDA (SS)	67V ± 1V	R590 (P)	

<sup>\*</sup>See the Panel label.

Panel Label information



#### 8.3. Initialization Pulse Adjust

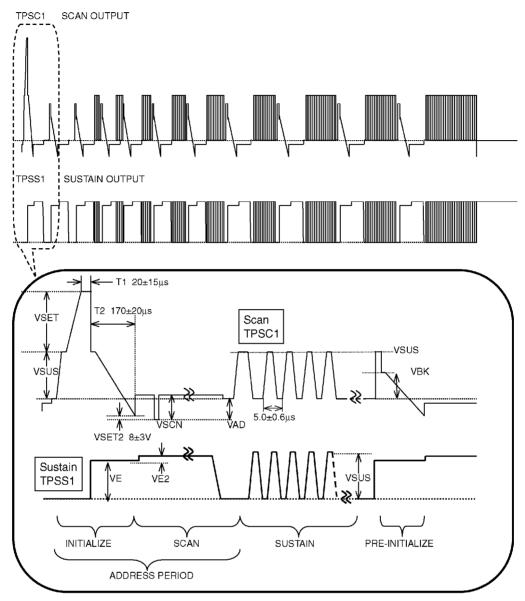
1. Input a Cross hatch signal.

2. Set the picture controls: -

Picture mode: Normal White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	20 ± 15 μ Sec
T2	TPSS1 (SS)	R6557 (SC)	170 ± 20 μ Sec



## 8.4. P.C.B. (Printed Circuit Board) exchange

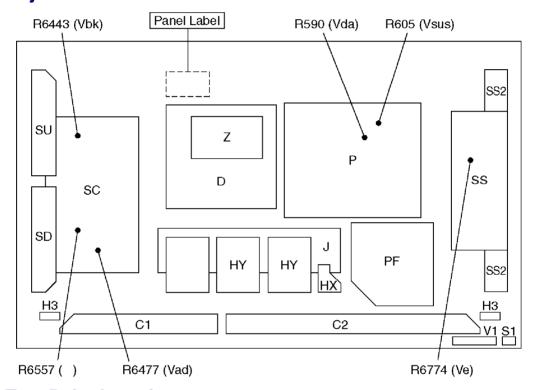
#### 8.4.1. Caution

- 1. To remove P.C.B., wait 1 minute after power was off for discharge from electrolysis capacitors.
- 8.4.2. Quick adjustment after P.C.B. exchange

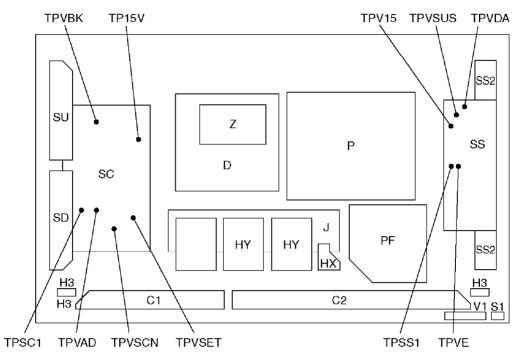
P.C.B.	Name	Test Point	Voltage	Volume	Remarks
P Board	Vsus	TPVSUS (SS)	170V ± 1V	R605 (P)	
	Vda	TPVDA (SS)	67V ± 1V	R590 (P)	
SC Board	Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)	
	Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)	
	Vset	TPVSET (SC)	218V ± 6V		
	Vscn	TPVSCN (SC)	Vad + 118 ± 2V		
SS Board	Ve	TPVE (SS)	158V ± 1V	R6774 (SS)	
D, J Board	White blance,	Pedestal and Sub	brightness for NT	SC, PAL, HD, PC a	nd 625i signal

<sup>\*</sup>See the Panel label.

### 8.5. Adjustment Volume Location



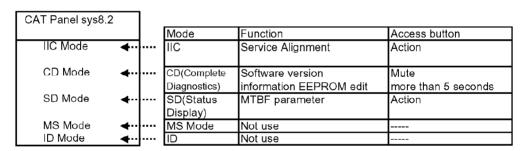
8.6. Test Point Location



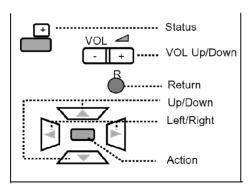
#### 9. Service mode

#### 9.1. CAT (computer Aided Test) mode

#### CAT mode menu



#### Remote control



#### How to access the CAT mode.

Press and the hold the Volume down / - buton on the front panel of the unit and press the status button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the CAT mode, access the ID mode and switch off the main power.

#### 9.1.1. IIC mode

Select the IIC mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

How to use the IIC mode.

- 1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
- 2 .Select the alignment **Item** by **Left/Right buttons** on the remote control.
- 3. Adjust optimum setting by Volume Up/Down buttons on the remote control.
- 4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

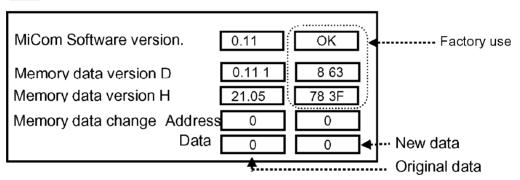
Subject and item are mentioned on page 14.

To exit the IIC mode, press the R button on the remote control.

#### 9.1.2. CD mode

Select the CD mode by Up/Down button on the remote control at the front page of CAT mode then press the Mute button on the remote control more than 5 sec.

<u>OSD</u>

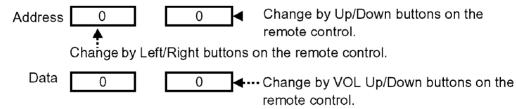


Micom software version (IC9354), this version can be upgrade by

#### 1. replace of new version IC

#### 2. Loading the new version software from loader tool, TZSC07036.

#### Memory data change

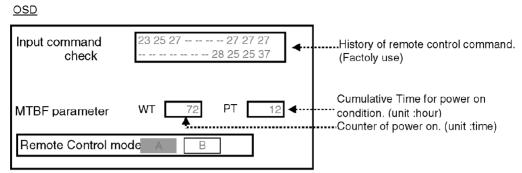


The data is memorized when switch off the main power.

To exit the CD mode, press the R button on the remote control.

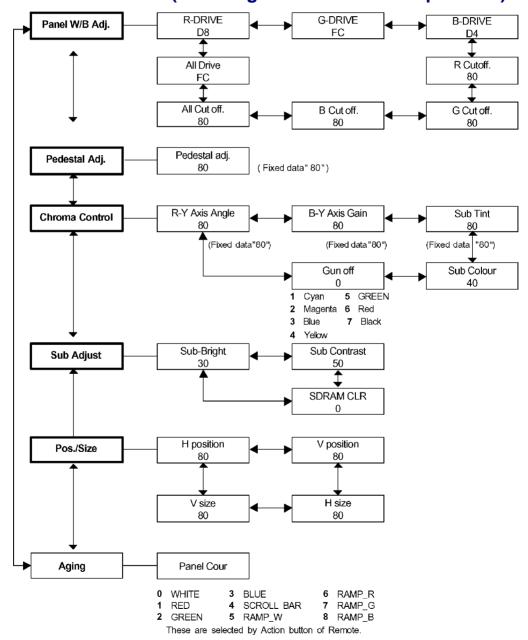
#### 9.1.3. SD mode

Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.



To exit the SD mode, press the R button on the remote control.

#### 9.2. IIC mode structure (following items value is sample data.)



10. Alignment

#### 10.1. Pedestal setting (C)

#### Note:

OSD is the difference between UY model and Except UY model. / Picture: Normal (Except UY)/ Standard (UY model) / White balance (Except UY)/Color Temp (UY model)

#### 10.2. Pedestal setting (B)

#### Note:

OSD is the difference between UY model and Except UY model. / Picture: Normal (Except UY)/ Standard (UY model) / White balance (Except UY)/Color Temp (UY model)

- 10.3. NTSC panel white balance
- 10.4. PAL/SECAM panel white balance
- 10.5. PC/RGB panel white balance
- 10.6. HD/ 525i /525p /625l /625P panel white balance

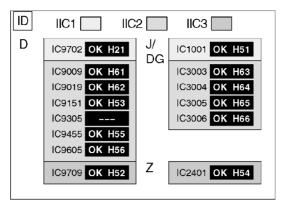
### 11. Trouble shooting guide

#### 11.1. Self Check

#### 11.1.1. Display Indication

- 1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
- 2. To get into the Self-check mode, press the volume down button on the customer controls at the front of the set, at the same time pressing the OFF-TIMER button on the remote control, and the screen will show:-

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "



#### 11.1.2. Power LED Blinking timing chart

## 1. Subject Information of LED Flashing timing chart.

#### 2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point
1	Once 3 sec	Main Micom Power
2		SCAN Driver1
3		3.3V SOS
4		5V SOS
5		Power SOS
6		FAN
7		SCAN Driver2
8		TEMP (Not used)
9		SUS Driver

#### 3. Remarks

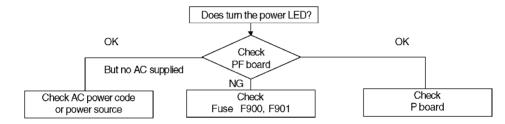
Above Fan function is operated during the fans are installed.

#### 11.2. No Power

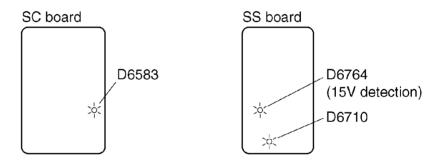
[First check point]

There are following 3 states of No Power indication by power LED.

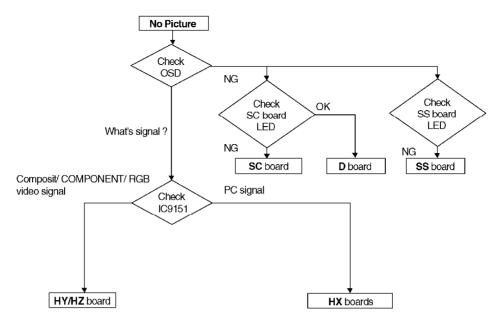
- 1. No lit
- 2. Green is lit then turns red blinking a few seconds later.
- 3. Only red is lit.
- 1. No lit



Drive circuits LED indicator

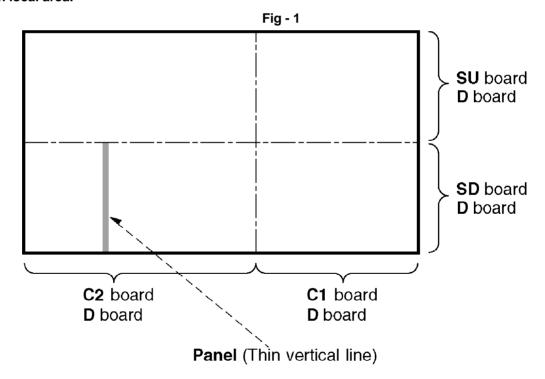


#### 11.3. No Picture



#### 11.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.



<Local screen failure chart>

## 12. Option Setting

**Hidden Option Menu for GP6D series** 

GP6D chassis series have special function and operation setting facility called Option Menu. This

Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these becauseof hidden On screen menu.

Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication aft power on and no signal indication.
Initial Input	Off	Sets the initial input mode when the power is turne Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turn Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC not change input mode by input selection key.
Button lock	Off	Enable/Disable front operation buttons (Input and/ovolume up/down)
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Remocon User Level	Off	Remote key invalidation.
		Off: Valid key is all key of remote.
		User1: Valid key are only Stand-by (ON/OFF), Inpu Status, Surround, Sound mute On/Off, and volume adjustment.
		User2: Valid key is only Stand-by (ON/OFF).
		User3 : All keys are null and void
ID Select	0 to 100	Set ID number from 001 to 100.
Remote ID	Off	Remote ID function On/Off.
		(While the Remote ID on, standard remote function control the unit.)
Serial	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode the power is turned on.
		Allow Optional Terminal Board insert Slots while pon.

#### Note:

How to set Remocon User Level and Remote ID off

- 1. Access service mode (CAT-mode) and press SET UP key on remote.
- 2. Accsess Hidden option menu.
- 3. Change Remocon User Level and/ or Remote ID set to Off.

#### 13. Conductor Views

- 13.1. PF-Board
- 13.2. P-Board
- 13.3. HX-Board
- 13.4. HY-Board
- 13.5. J-Board
- 13.6. **D-Board**
- 13.7. C1-Board
- 13.8. C2-Board
- 13.9. SC-Board
- 13.10. SU and SD-Board
- 13.11. SS, SS2 and SS3-Board
- 13.12. **Z-Board**
- 13.13. V1, S1 and H3-Board

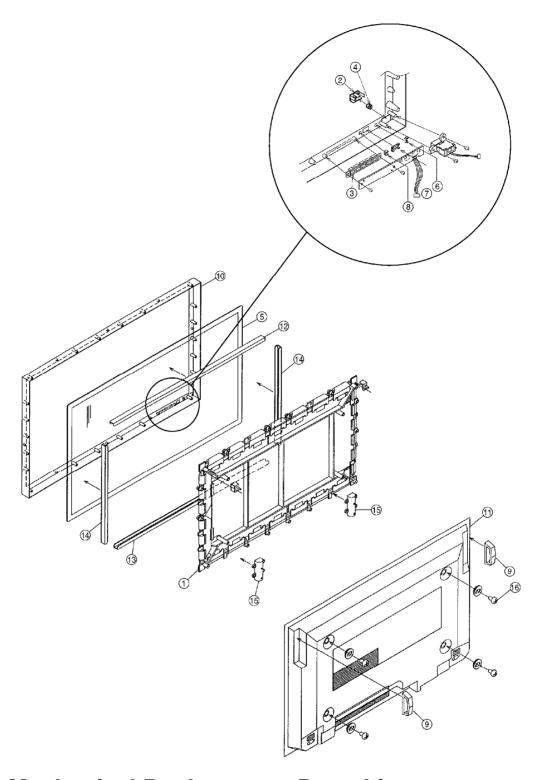
## 14. Block and Schematic Diagrams

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- 14.2. Main Block Diagram
- 14.3. PF-Board Block Diagram
- 14.4. PF-Board Schematic Diagram
- 14.5. P-Board Block Diagram
- 14.6. P-Board (1 of 2) Schematic Diagram
- 14.7. P-Board (2 of 2) Schematic Diagram

- 14.8. HX-Board Schematic Diagram
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- 14.37. SD-Board Block Diagram
- 14.38. SD-Board Schematic Diagram
- 14.39. SS, S1, SS2 and SS3-Board Block Diagram
- 14.40. SS, S1, SS2 and SS3-Board Schematic Diagram
- 14.41. Z and H3-Board Block Diagram
- 14.42. Z and H3-Board (1 of 2) Schematic Diagram
- 14.43. Z and H3-Board (2 of 2) Schematic Diagram

#### 15. Parts Location



16. Mechanical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	EUR646529	REMOTE CONTROL	1	TH-42PWD6BX/EX/UY
	EUR646530	REMOTE CONTROL	1	TH-42PW6BX/EX
	J0KF0000018	FILTER	1	
	J0KG00000042	NOISE FILTER	2	
	J0KG0000054	NOISE FILTER	2	
	K2AH3H000021	AC INLET	1	Δ
	K2CG3DH00025	AC CORD	1	TH-42PWD6UY
	K2CN3DH00004	AC CORD	1	TH-42PW6EX, TH-42PWD6EX
	K2CT3DH00013	AC CORD	1	TH-42PW6BX, TH-42PWD6B)
	MD42S06A1J	PLASMA DISPLAY PANEL	1	<u> </u>
	TBMA008	PANASONIC BADGE	1	TH-42PWD6BX/EX/UY
	TBMA118	PANASONIC BADGE	1	TH-42PW6BX/EX
	TBXA28202A	POWER BUTTON	1	TH 42DMD6DV/EV/HV
	TBXA28214	POWER BUTTON	1	TH-42PWD6BX/EX/UY TH-42PW6BX/EX
			1	TH-42PW6BX/EX
	TBXA38901 TBXA38902	HINGE BUTTON HINGE BUTTON	1	TH-42PW06X/EX/UY
			1	TH-42FWD0BA/EA/UT
	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEL023Z	SCREW	14	
	THEL027N	SCREW	26	
	THTF003Y	SCREW	19	
	THTF010Z	SCREW	16	
	TKGA5118	FRONT GALAS	1	
	TKKC5105	LED PANEL	1	
	TICICI FOOD	20/50		
	TKKL5266	COVER	1	
	TKPA60301	REMOCON RECEIVE PANEL	1	TH-42PWD6BX/EX/UY
	TKPA60302	REMOCON RECEIVE PANEL	1	TH-42PW6BX/EX
	TKPA63401	PHOTO IC RECEIVE PANEL	1	
	TKRA20501	HANDLE	2	
	TMKG288	CUSHION	2	
	TMKG289	CUSHION	2	
	TMKX263-2	INSULATOR	1	
	TMM15414-2	CLAMPER	2	
	TMM17499	CLAMPER	1	
	TMM25401	CLAMPER	2	
	TMM7468-1	CLAMPER	2	
	TMME047	CLAMPER	7	
	TMME061	CLAMPER	4	
	TMME075	EDGE SADDLE	2	
	TMME152	CLAMPER	1	
	TMME185	CLAMPER	2	
	TMME187	CLAMPER	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TMME225	AC CORD CLAMPER	1	
	TMME228	CLAMPER	2	
	TMWC006-1	POWER BUTTON BRACKET	1	
	TMXX021-1	CORE HOLDER	2	
	TPCA95901A	BOTTOM CARTON	1	
	TPCB34107	CARTON BOX	1	TH-42PWD6EX 🗥
	TPCB34108	CARTON BOX	1	TH-42PWD6BX 🗥
	TPCB34114	CARTON BOX	1	TH-42PW6EX △
	TPCB34115	CARTON BOX	1	TH-42PW6BX 🗥
	TPCB40401	CARTON BOX	1	TH-42PWD6UY 🗥
	TPCB48401	CARTON BOX	1	
	TPD169487	JOINT	8	
	TPDA0510-1	CUSHION(UPPER RIGHT)	1	
	TPDA0511-1	CUSHION(UPPER LEFT)	1	
	TPDA0512	CUSHION(UPPER CENTER)	1	
	TPDA0513	CUSHION(BOTTOM RIGHT)	1	
	TPDA0514	CUSHION(BOTTOM LEFT)	1	
	TPDA0515-2	CUSHION(BOTTOM CENTER)	1	
	TPDA0675	CUSHION(UPPER RIGHT/LEFT)	2	TH-42PWD6UY
	TPDA0676	CUSHION(UPPER CENTER)	1	TH-42PWD6UY
	TPDA0794	CUSHION(BOTTOM RIGHT/LEFT)	1	TH-42PWD6UY
	TPDF0596	CUSHION	1	
	TPDF0737	PAPER BOX	1	
	TPDF0905	PAD(UPPER)	1	TH-42PWD6UY
	TPEH170	PROTECT COVER	1	
	TPGA2140	CARTON BOX	1	TH-42PWD6UY
	TPGA2150	BOTTOM CARTON	1	TH-42PWD6UY
	TQBC0546	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD6UY
	TQBC0547	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD6UY
	TQBC0548	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD6UY 🗥
	TQBC0549	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW6EX 🗥
	TQBC0550	INSTRUCTION BOOK(GERMAN)	1	TH-42PW6EX 🗥
	TQBC0551	INSTRUCTION BOOK(FRENCH)	1	TH-42PW6EX 🛆
	TQBC0552	INSTRUCTION BOOK(ITALIAN)	1	TH-42PW6EX
	TQBC0553	INSTRUCTION BOOK(SPANISH)	1	TH-42PW6EX
	TQBC0554	INSTRUCTION BOOK(DUTCH)	1	TH-42PW6EX
	TQBC0555	INSTRUCTION BOOK(DANISH)	1	TH-42PW6EX
	TQBC0556	INSTRUCTION BOOK(SWEDISH)	1	TH-42PW6EX
	TQBC0563	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW6BX
	TQBC0587	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD6EX
	TQBC0588	INSTRUCTION BOOK(GERMAN)	1	TH-42PWD6EX
	TQBC0589	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD6EX
	TQBC0590	INSTRUCTION BOOK(ITALIAN)	1	TH-42PWD6EX
	TQBC0591	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD6EX
	TQBC0592	INSTRUCTION BOOK(DUTCH)	1	TH-42PWD6EX 🕭

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	TQBC0594	INSTRUCTION BOOK(SWEDISH)	1	TH-42PWD6EX
	TQBC0595	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD6BX
	TSXL139	CABLE	6	
	TSXL222	FFC LEAD(C-C)	1	
	TSXL231	CABLE	6	
	TSXL278	FFC LEAD(FPC)(D-C1/2)	2	
10	TTEA0128	ESCUTCHEON	1	TH-42PWD6BX/EX/UY
10	TTEA0129	ESCUTCHEON	1	TH-42PW6BX/EX
<u>11</u>	TTUA0675	REAR COVER	1	TH-42PWD6UY
11	TTUA0676	REAR COVER		TH-42PW6BX/EX,TH-
				42PWD6BX/EX
12	TXFMX020MMS	PLATE(FRONT UPPER/UPPER)	1	
13	TXFMX030MMS	PLATE(FRONT BOTTOM/BOTTOM)	1	
14	TXFMX040MMS	PLATE(FRONT GALAS/R/L)	2	
<u>15</u>	TXFMZ010QBS	STAND POOL BRACKET	2	
	TXJSPL0QBS	SPEAKER LEAD(LEFT)	1	
	TXJSPR0QBS	SPEAKER LEAD(RIGHT)	1	
	XTB4+10A	SCREW	20	
	XTBT964	SCREW	2	
	XTS3+10J	SCREW	8	
	XTV3+6J	SCREW	2	
	XTW3+8T	SCREW	3	
	XYN3+C8	SCREW	2	
	XYN3+F10	SCREW	16	
	XYN3+F10FZ	SCREW	2	
	XYN3+F8	SCREW	70	
	XYN4+E8	SCREW	1	
	XYN5+C15	SCREW	6	
16	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	

## 17. Replacement Parts List

## 17.1. Relpacement Parts List Notes

#### **Important Safety Notice**

Components identified by Amark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.

#### RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item.

After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention.

After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor2. CapacitorExample:Example:

ERD25TJ104 <u>C</u> 100KOHM, <u>J</u>, 1/4W ECKF1H103ZF <u>C</u> 0.01UF, <u>Z</u>, 50V

Type Allowance Type Allowance

Туре	Allowance
C: Carbon F: Fuse M: Metal Oxide Metal FIIm S: Solid W: Wire Wound	F:±1% G:±2% J:±5% K:±10% M:±20%

Туре	Allowance
C : Ceramic E : Electrolytic P : Polyester Polyprop lene T : Tantalum	C:±0.25pF D:±0.5pF F:±1pF G:±3pF J:±5pF K:±10pF L:±15pF M:±20pF P:+100%,-0% Z:+80%,-20%

### 17.2. Electrical Replacement List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
F902	K5D312BK0012	FUSE	1	Δ
F900.901	K5Y802B00001	FUSE	2	<u></u>
				<u> </u>
C11	K1MN50B00026	50P CONNECTOR	1	
C12	K1MN20B00043	CONNECTOR	1	
C21	K1MN50B00026	50P CONNECTOR	1	
C22	K1MN20B00043	CONNECTOR	1	
C23	K1KA11A00102	11P CONNECTOR	1	
C24	K1KA08A00232	8P CONNECTOR	1	
C403-05	ECKDAE472ZE	C 4700PF, Z,	3	A
C406	ECA2WHG100	E 10UF, 450V	1	
C407	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C408	ECKD3D392KBP	C 3900PF, K, 2KV	1	
C409	ECA1EHG470	E 47UF, 25V	1	
C410	ECKD2H821KB5	C 820PF, K,500V	1	
C411	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C412,13	ECA1HHG470	E 47UF, 50V	2	
C414	ECKD2H561KB2	C 560PF, K,500V	1	
C415	ECJ3VC1H472J	C 4700PF, J, 50V	1	
C416	EEUFC1C471	E 470UF, 16V	1	
C417	ECA1EHG470	E 47UF, 25V	1	
C418	ECA1CHG101	E 100UF, 16V	1	
C419	ECA1AHG471	E 4700UF, 10V	1	
C420	ECA1EHG101	E 100UF, 25V	1	
C421,22	ECKF1H223ZF	C 0.022UF, Z, 50V	2	
C423	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C451-53	ECKDAE472ZE	C 4700PF, Z,	3	Δ
C455	ECQE6105JF	P 1UF, J,630V	1	
C456	EEUFC1V331	E 220UF, 35V	1	
C457	ECQB1H103JF	P 0.01UF, J, 50V	1	
C458	ECJ2VC1H821J	C 820PF, J, 50V	1	
C459	EEUFC1H330	E 33UF, 50V	1	
C460	ECJ2XC1H101J	C 100PF, J, 50V	1	
C461	ECJ2XC1H331J	C 330PF, J, 50V	1	
C462	ECQB1H104JF	P 0.1UF, J, 50V	1	
C463	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C464	ECQB1H104JF	P 0.1UF, J, 50V	1	
C465	ECA1HHG010	E 1UF, 50V	1	
C466	ECKD3D101KBP	C 100PF, K, 2KV	1	
C468,69	EETHC2W331L	E 330UF, 450V	2	
C470	ECA1EHG331	E 330UF, 25V	1	
C471	ECQB1H104JF	P 0.1UF, J, 50V	1	
C551,52	ECJ2XC1H471J	C 470PF, J, 50V	2	
C553	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C554	ECJ2XC1H221J	C 220PF, J, 50V	1	
C555	EEUEB1E101	E 100UF, 25V	1	
C556	EEUEB1H220	E 22UF, 50V	1	
C557	ECQE6473KF	P 0.047UF, K,630V	1	
C558	ECKD3D101KBP	C 100PF, K, 2KV	1	
C559	ECQE6473KF	P 0.047UF, K,630V	1	
C560	ECKD3D221KBP	C 220PF, K, 2KV	1	
C561,62	ECJ3VC1H472J	C 4700PF, J, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C563	ECKDNA102KB	C 1000PF, Z,	1	Δ
C564	ECKD3A101KBP	C 100PF, K, 1KV	1	
C565	EETHC2C821B	E 820UF, 160V	1	
C566	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C567,68	ECJ3VC1H472J	C 4700PF, J, 50V	2	
C569	ECKD3A101KBP	C 100PF, K, 1KV	1	
C570	ECKD3A471KBP	C 470PF, K, 1KV	1	
C571	ECKD3A101KBP	C 100PF, K, 1KV	1	
C572	EEUFC1E222	E 2200UF, 25V	1	
C573,74	EETHC2D182L	E 1800UF, 200V	2	
C575	EEUEB1H220	E 22UF, 50V	1	
C576	EEUFC1E222	E 2200UF, 25V	1	
C577	ECA1EHG222	E 2200UF, 25V	1	
C578	ECQB1H332JF	P 3300PF, J, 50V	1	
C579	ECA1EHG221	E 220UF, 25V	1	
C581	EEUFC0J122	E 1200UF, 6.3V	1	
C583	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C584	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C585	EEUEB1E101	E 100UF, 25V	1	
C586	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C590	EEUFC1E222	E 2200UF, 25V	1	
C591	ECKD3A101KBP	C 100PF, K, 1KV	1	
C650	EEUEB1E101	E 100UF, 25V	1	
C802	EEUFC1E471	E 470UF, 25V	1	
C803	EEUFC1E331	E 330UF, 25V	1	
C805	EEUFC1C102	E 1000UF, 16V	1	
C806	EEUFC1A102	E 1000UF, 10V	1	
C807	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C808,09	ECQB1H103JF	P 0.01UF, J, 50V	2	
C810	EEUFC1E561	E 560UF, 25V	1	
C811	ECQB1H103JF	P 0.01UF, J, 50V	1	
C812	ECQB1H104JF	P 0.1UF, J, 50V	1	
C813	ECQB1H473JF	P 0.047UF, J, 50V	1	
C814	EEUFC0J152	E 1500UF, 6.3V	1	
C815	ECQB1H104JF	P 0.1UF, J, 50V	1	
C816	ECQB1H682JF3	<u> </u>	1	
		P 6800PF, J, 50V	1	A
C901	ECQU2A105BN9	P 1UF, 250V	<u>'</u>	
C902-05	ECKCNA221KB7	C 220PF, M,	4	$ \Delta$
C906,07	ECQU2A224BN9	P 0.22UF, 250V	2	Δ
C912	ECQU2A105MGA	P 1UF, 250V	1	A
C913	EETHC2W101J	C 4700PF, Z,450V	1	
C914	ECQE6223KF	P 0.022UF, K,400V	1	
C915	ECA1HHG100	E 10UF, 50V	1	
C916	ECA1VHG470	E 47UF, 35V	1	
C917	ECQV1H104JM	P 0.1UF, J, 50V	1	
C918	ECA1HHG330	E 33UF, 50V	1	
C919	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C920	ECKCNA221KB7	C 220PF, M,	1	Δ
C921	ECKD3A221KBP	C 220PF, K, 1KV	1	
C922	EEUFC1E272	E 2700UF, 25V	1	
C923	EEUFC1E152	E 1500UF, 25V	1	
C924	ECA1HHG010	E 1UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C925	ECA1HHG100	E 10UF, 50V	1	
C951	EEVHB1C470	E 47UF, 16V	1	
C952	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C953-58	EEVHB1C470	E 47UF, 16V	6	
C959,60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C961	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C962-64	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C965	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C966	EEVHB1C470	E 47UF, 16V	1	
C967,68	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C969	EEVHB1C470	E 47UF, 16V	1	
C970	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C971	EEVHB1C470	E 47UF, 16V	1	
C972	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C1001,02	ECJ1XC1H150J	C 15PF, J, 50V	2	
C1003	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C1003	EECS5R5H155	E 1.5UF, 5.5V	1	
C1004 C1530	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C1330	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2312	ECA1HHG470	E 47UF, 50V	1	
C2313	ECA1EHG470	,	1	
C2314 C2350,51	TCUY1C225KBM	E 47UF, 25V C 2.2UF, 16V	2	E4K4C22EA026
		· ·	2	F1K1C225A026
C2352,53	ECA1HHG100	E 10UF, 50V		
C2354,55	ECA1VM470	E 47UF, 35V	2	
C2356,57	ECJ2XB1H102K	C 1000PF, K, 50V	2	
C2358,59	ECA1HM2R2	E 2.2UF, 50V	2	
C2360,61	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C2362,63	ECA1EM471	E 470UF, 25V	2	
C2364,65	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2366,67	ECQV1H225JM	P 2.2UF, J, 50V	2	
C2368,69	ECQV1H104JM	P 0.1UF, J, 50V	2	
C2370	ECA1VM470	E 47UF, 35V	1	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	ECA1HHG100	E 10UF, 50V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	ECA1HHG100	E 10UF, 50V	1	
C2429	EEAGA1C101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2437,38	EEAGA1C101	E 100UF, 16V	2	
C2440,41	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2442	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2450	ECA1HHG100	E 10UF, 50V	1	
C2451	ECA1HHG4R7	E 4.7UF, 50V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	ECA1HHG4R7	E 4.7UF, 50V	1	
C2457	ECA1HHG4R7	E 4.7UF, 50V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2459	ECJ3VB1C104K	C 0.10UF, K, 16V	1	
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	ECJ3VB1C104K	C 0.10UF, K, 16V	2	
C2480	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2484	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3001	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3002	ECJ2XB1E104K	C 0.1UF, K, 25V	1	
C3003	EEVHP1A100	E 10UF, 10V	1	
C3004	EEVHB1C470	E 47UF, 16V	1	(J)
C3004	EEVHP1A100	E 10UF, 10V	1	(HY)
C3005	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3005	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3006	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3006	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(J)
C3007	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3007	EEVHB1C470	E 47UF, 16V	1	1 1
C3007	ECJ1VF1H104Z	C 0.1UF, Z, 50V	1	(J)
C3009	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	/ N
	EEVHB1C470		1	(J)
C3009	ECJ1XB1C104K	E 47UF, 16V	1	(HY)
C3010 C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	( I)
	+	C 0.1UF, Z, 16V	1	(J)
C3011	ECJ1XB1C104K	C 0.1UF, Z, 16V		(HY)
C3012	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3012	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3013	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3013	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HY)
C3014	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3014	EEVHB1C470	E 47UF, 16V	1	(HY)
C3015	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3015	ECJ1XC1H470J	C 47PF, J, 50V	1	(HY)
C3016	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3016	ECJ1XC1H220J	C 22PF, J, 50V	1	(HY)
C3017	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	(J)
C3017	ECJ1XC1H680J	C 68PF, J, 50V	1	(HY)
C3018	EEVHB1C470	E 47UF, 16V	1	
C3019	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3019	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003 (HY)
C3020	EEVHP1A100	E 10UF, 10V	1	(HY)
C3020	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3021	ECJ2VF1C105Z	C 1UF, Z, 16V	1	(HY)
C3021	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3022	ECJ1VF1A105Z	C 1UF, Z, 10V	1	(HY)
C3022-31	TCUY1C225KBM	C 2.2UF, 16V	10	F1K1C225A026 (J)
C3032	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3040,41	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C3051-54	ECJ1XC1H561J	C 560PF, J, 50V	4	
C3055,56	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3101	EEVHB0G221	E 220UF, 4V	1	
C3102	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3103	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3104	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3104,05	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3105	EEVHB0G221	E 220UF, 4V	1	(HY)
C3106	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3106	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3107	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3107	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3108	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3108	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3109	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3109	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3110	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3110	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3111	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3111	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3112	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3112	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3113	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3113	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3114 C3114	ECJ1XB1C104K	C 4.7UF, Z, 16V	1	. ,
	ECJ3XF1C4732 ECJ1XB1C104K		1	(J)
C3115 C3115		C 0.1UF, Z, 16V		(HY)
	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3116	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3116	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3117	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3117	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3118	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3118	EEVHB1C470	E 47UF, 16V	1	(J)
C3119-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	3	
C3122	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3123-26	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3127	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3128-02	ECJ1XB1C104K	C 0.1UF, Z, 16V	7	
C3134	EEVHB1C471	E 470UF, 16V	1	
C3135	ECJ1VB1C103K	C 0.01UF, K, 16V	1	(HY)
C3135	EEVHB1C471	E 470UF, 16V	1	(J)
C3136	ECJ1XC1H330J	C 33PF, J, 50V	1	(HY)
C3136	EEVHB1C471	E 470UF, 16V	1	(J)
C3137	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3138	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3139	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3140	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3141	ECJ1XB0J105K	C 1UF, K, 16V	1	(HY)
C3141	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3142	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3142,43	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026 (J)
C3144	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3144	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3146	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3147	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3148	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3149	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3150	ECJ1VB1C103K	C 0.01UF, K, 16V	1	
		+	_	+
C3151	ECJ1XC1H330J	C 33PF, J, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3153	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3154	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3156	ECJ1XB0J105K	C 1UF, K, 16V	1	
C3157	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3158	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3159	EEVHB0G221	E 220UF, 4V	1	
C3160,61	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C3162-66	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3167-78	ECJ1XB1C104K	C 0.1UF, Z, 16V	12	
C3179	EEVHB0G221	E 220UF, 4V	1	
C3180-83	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3184	EEVHB0G221	E 220UF, 4V	1	
C3185	ECJ1XC1H060D	C 6PF, D, 50V	1	
C3186	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3187	EEVHB0G221	E 220UF, 4V	1	
C3188	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3202-06	ECJ1VF1A105Z	C 1UF, Z, 10V	5	
C3207	EEVHB0G221	E 220UF, 4V	1	
C3208-14	ECJ1VF1A105Z	C 1UF, Z, 10V	7	
C3216,17	ECJ1VF1A105Z	C 1UF, Z, 10V	2	
C3218	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3219	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3251,52	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	LLVIIDOUTOTI
C3253	ECJ1XB1H102K	C 1000UF, Z, 50V	1	(HV)
C3253	TCUY1C225KBM	C 2.2UF, 16V	1	(HY) F1K1C225A026 (J)
C3254	ECJ1XB1C104K		1	
C3254	ECJ1XF1C104K	C 0.1UF, Z, 16V	1	(HY)
		C 0.1UF, Z, 16V	1	(J)
C3255	ECJ1XB1H102K	C 1000UF, Z, 50V		(HY)
C3255	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3256	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3256	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3257	ECJ1XB1H102K	C 1000UF, Z, 50V	1	(HY)
C3257	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3258	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3258	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3259	ECJ1XB1H102K	C 1000UF, Z, 50V	1	(HY)
C3259	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3260	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3260	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026 (J)
C3261	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	(J)
C3261	EEVHB0G221	E 220UF, 4V	1	(HY)
C3262	ECJ1XB1H102K	C 1000UF, Z, 50V	1	(HY)
C3262	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3263	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3263	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3264	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3264	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	(J)
C3265	EEVHB0G221	E 220UF, 4V	1	(HY)
C3265	EEVHB1C470	E 47UF, 16V	1	(J)
C3266	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	(HY)
C3266-68	EEVHB1C471	E 470UF, 16V	3	(J)
C3308	EEVHB0G221	E 220UF, 4V	1	
C3309	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3311,12	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3313	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3315	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3316	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3317	ECJ1VF1A105Z	C 1UF, Z, 10V	1	
C3318-21	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3322,23	EEVHB0G221	E 220UF, 4V	2	
C3324	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3325,26	EEVHB1C470	E 47UF, 16V	2	
C3327-30	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C3401	EEVHP1C100R	E 10UF, 16V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEVHB1C470	E 47UF, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3507,08	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3510,11	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3520	EEVHB1C470	E 47UF, 16V	1	
C3521	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3523	EEVHB1C470	E 47UF, 16V	1	(HX)
C3523	EEVHB1C470	E 47UF, 16V	1	(HY)
C3524	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	(HY)
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	(HX)
C3525,26	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	(IIX)
C3527	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3542	ECJ2VF1C105Z	C 1UF, Z, 16V	1	1 TRUUUUSAUUS
C3542	ECJ1XB1C104K		1	
C3544	EEVHB1C470	C 0.1UF, Z, 16V E 47UF, 16V	1	
C3550	ECJ2VF1H103Z		1	
	+	C 0.01UF, Z, 50V	1	
C3551	EEVHB1C470	E 47UF, 16V	_	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3563	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C3564	EEVHB1C470	E 47UF, 16V	1	E4 14 C4 0 E 0 0 0 C
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	E4.14.04.0F0000
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6401-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6411	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6412	ECJ2XB1H102K	C 1000PF, K, 50V	1	
C6417	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6421	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6422	ECJ2XB1H102K	C 1000PF, K, 50V	1	E41 0E46 :2225
C6427	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6429	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6431	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6433	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6452	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6453	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6454	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6455	EEUFC1E221	E 220UF, 25V	1	
C6456	ECA2CM101	E 100UF, 160V	1	
C6458	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1HM101	E 100UF, 50V	1	
C6462-65	ECJ4XB1E475M	C 4.7UF, M, 25V	4	
C6466,67	ECJ2XB1H103K	C 0.01UF, K, 50V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6468	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6469	EEUFC1E221	E 220UF, 25V	1	
C6470	ECA1HM221	E 220UF, 50V	1	
C6471	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6472	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6473	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6474	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6475	EEUFC1E221	E 220UF, 25V	1	
C6476	ECA2CM101	E 100UF, 160V	1	
C6478	ECJ2XB1H104K	C 0.1UF, K, 50V	1	
C6481-88	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6490,91	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6492	ECA2VHG100	E 10UF, 350V	1	
C6493	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6501-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	1 1010100000
C6509 C6511,12	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6513	ECA2CM101	E 100UF, 160V	1	
C6521	EEUFC1E470	E 47UF, 25V	1	
C6523	ECA1VM470	E 47UF, 35V	1	
C6524,25	ECJ3FC2D102J	C 1000PF, J,200V	2	
C6526	ECA2EHG220	E 22UF, 250V	1	
C6529	ECJ3XK2J102K		1	
		C 1000PF, K,630V		
C6531,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6534	ECJ3XK2J102K	C 1000PF, K,630V	1	
C6541	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6543,44	ECJ3FC2D102J	C 1000PF, J,200V	2	E4 14 04 0 E 0 0 0 C
C6546	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6547	ECJ3FC2D102J	C 1000PF, J,200V	1	
C6550	ECA2CM101	E 100UF, 160V	1	E4.14.04.050000
C6571	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6575-78	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6588	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6589	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6590	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6591	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6598	ECA2CHG220	E 22UF, 160V	1	
C6601-04	ECA2DHG221	E 220UF, 200V	4	
C6607	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6608	ECA1EM471	E 470UF, 25V	1	
C6611-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6620	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C6621-28	ECQE2105RKB	P 1UF, 250V	8	
C6631,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6633	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6634,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6636	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6637	EEUFC1E121	E 120UF, 25V	1	
C6639	F2A2D1510004	E 150UF, 200V	1	
C6642	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6644	ECJ4XB1E475M	C 4.7UF, M, 25V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6645	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6646	F2A1V121A085	E 120UF, 35V	1	
C6647	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6650	ECQE2224KF	P 0.22UF, K,250V	1	
C6651,52	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C6655,56	EEUFC1A101	E 100UF, 10V	2	
C6660-63	ECJ3XK2J102K	C 1000PF, K,630V	4	
C6670-77	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6695,96	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6701-04	F2A2D1510004	E 150UF, 200V	4	
C6707,08	EEUED2C470	E 47UF, 160V	2	
C6709	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C6711-18	ECJ3XK2J102K	C 1000PF, K,630V	8	
C6721-28	ECQE2105RKB	P 1UF, 250V	8	
C6731,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	
C6733	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6734,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	. 1010100000
C6734,33	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6737	ECQE2224KF	P 0.22UF, K,250V	1	1 10101030000
C6739	TACCP2E104MT	C 0.1UF, 250V	1	F1L2E1040002
C6740	ECJ3XB2J222K	C 2200PF, K,630V	1	FILZE1040002
C6741,42	TCUY1C105ZFN		2	F1J1C1050006
C6744	ECJ4XB1E475M	C 1UF, 16V C 4.7UF, M, 25V	1	F131C1030000
C6746	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6747	F2A2D1510004	E 150UF, 200V	1	
C6748	EEUFC1E221	E 220UF, 25V	1	
C6749	ECJ4XB1E475M	C 4.7UF, M, 25V	1	E4 14 C4 0 E 0 0 0 C
C6750,51	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6753,54	EEUFC1E221	E 220UF, 25V	2	
C6755	ECJ3YB1E105K	C 1UF, K, 25V	1	
C6756	EEUFC1A101	E 100UF, 10V	1	
C6757	ECJ4XB1E475M	C 4.7UF, M, 25V	1	
C6760,61	ECJ3XK2J102K	C 1000PF, K,630V	2	
C6771-78	ECJ3XK2J102K	C 1000PF, K,630V	8	
C7101	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7102	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7103-05	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7107	F1K2A1040004	C 0.1UF, 100V	1	
C7111	F1K2A1040004	C 0.1UF, 100V	1	
C7113	F1K2A1040004	C 0.1UF, 100V	1	
C7115	F1K2A1040004	C 0.1UF, 100V	1	
C7142	ECJ1XC1H101J	C 100PF, J, 50V	1	
C7147	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7148	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7149	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7150	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7151	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7152	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7153-55	ECJ1XC1H101J	C 100PF, J, 50V	3	
C7201	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7202	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7203,04	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C7206	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7207	F1K2A1040004	C 0.1UF, 100V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7210	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7211	F1K2A1040004	C 0.1UF, 100V	1	
C7213	F1K2A1040004	C 0.1UF, 100V	1	
C7217	F1K2A1040004	C 0.1UF, 100V	1	
C7219	F1K2A1040004	C 0.1UF, 100V	1	
C7235	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7236	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7239	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7242-44	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7246	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7250	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7252-56	ECJ1XC1H101J	C 100PF, J, 50V	5	
C7406	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C8001,02	EEVHB1C470	E 47UF, 16V	2	1 1010100000
C8003,04	ECJ1VF1H104Z	C 0.1UF, Z, 50V	2	
C8005,06	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
•	ECJ1VF1H1032 ECJ1VB1H471K		2	
C8007,08	ECJ1VB1H471K	C 470PF, K, 50V	1	
C8009 C8011	ECJ3XB0J106M	C 10UF, M,6.3V		
	ECJ3XB0J106W	C 10UF, M,6.3V	1	
C8013,14		C 0.1UF, Z, 16V	2	
C8015	ECJ3YF1A106Z	C 10UF, Z, 10V	1	F4K4C47F0049
C8016	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8017	ECJ3YF1A106Z	C 10UF, Z, 10V	1	E41/404750040
C8018	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8019,20	ECJ1VB1H103K	C 0.01UF, K, 50V	2	
C8021,22	ECJ3VB1C474K	C 0.47UF, K, 16V	2	
C8023-26	ECJ1VB1H103K	C 0.01UF, K, 50V	4	
C8027	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8028	ECJ1XC1H330J	C 33PF, J, 50V	1	
C8029	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8030	EEVHB1C470	E 47UF, 16V	1	
C8031	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C8032	EEVHB1C470	E 47UF, 16V	1	
C8033,34	ECJ1XC1H102J	C 1000PF, J, 50V	2	
C8035	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8036,37	ECJ1XC1H101J	C 100PF, J, 50V	2	
C8038,39	ECJ2XC1H102J	C 1000PF, J, 50V	2	
C8041	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8042	ECJ1XC1H330J	C 33PF, J, 50V	1	
C8043	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C8045,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C8049,50	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C8051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9001	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9002	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9003	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9004	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9005,06	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9007	EEVHB0G221	E 220UF, 4V	1	
C9011-14	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9016,17	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9020	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9022	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9023	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9027	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9028	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9029	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9030,31	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C9032,33	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9034,35	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9036,37	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C9038,39	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9040	ECJ2VB1E473K	C 0.047UF, K, 25V	1	
C9041	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9042,43	ECJ2VB1E473K	C 0.047UF, K, 25V	2	
C9044	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9045,46	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9048,49	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9050	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9051	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C9051	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9052	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C9054-56	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9057	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9058	ECJ1XF1C104Z		1	
C9059	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9060		C 0.1UF, Z, 16V C 10UF, M,6.3V	1	
	ECJ3XB0J106M			
C9061,62	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9063	EEVHB0G221	E 220UF, 4V	1	
C9067-70	ECJ1XB1C104K	C 0.1UF, Z, 16V	4	
C9072,73	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9076,77	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9078	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9080	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9084	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9086	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9087	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9088,89	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C9090,91	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9092,93	ECJ1XB1C104K	C 0.1UF, Z, 16V	2	
C9094,95	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C9096,97	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9098	ECJ2VB1E473K	C 0.047UF, K, 25V	1	
C9099	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9100,01	ECJ2VB1E473K	C 0.047UF, K, 25V	2	
C9102	ECJ1XB1H102K	C 1000UF, Z, 50V	1	
C9103	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9105-07	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9108	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9109	ECJ1XB1C393K	C 0.039UF, K, 16V	1	
C9110	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9111	ECJ1VB1H392K	C 3900PF, K, 50V	1	
C9112-14	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9120-25	ECJ3XB0J106M	C 10UF, M,6.3V	6	
C9150	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9151	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9153	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9154	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9156	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9157-60	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9161	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9162	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9163-70	ECJ1XF1C104Z	C 0.1UF, Z, 16V	8	
C9172-74	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9175	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9176	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9178-82	ECJ1XF1C104Z	C 0.1UF, Z, 16V	5	
C9183	ECJ1XC1H102J	C 1000PF, J, 50V	1	
C9186	ECJ1XC1H100D	C 10PF, D, 50V	1	
C9187	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9191	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9192	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9195	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9196	ECJ3VB1C104K		1	1 13101030000
		C 0.10UF, K, 16V	1	
C9197	ECJ2VB1E563K	C 0.056UF, K, 25V		
C9198	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C9199,00	ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
C9207	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9301	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9302	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9303	EEVHB1C470	E 47UF, 16V	1	
C9304	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9305	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9307	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9308	ECJ1XB1C104K	C 0.1UF, Z, 16V	1	
C9309	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9310	ECJ1XC1H330J	C 33PF, J, 50V	1	
C9311	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9312,13	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9314,15	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9316	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9449	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9450	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9453	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9454,55	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9465	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9466	EEVHB0G221	E 220UF, 4V	1	
C9467	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9468	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9470	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9471	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9472	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9474	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9475-77	ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
C9478	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C9479-82	ECJ1XF1C104Z	C 0.1UF, Z, 16V	4	
C9485-93	ECJ1XF1C104Z	C 0.1UF, Z, 16V	9	
C9494,95	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9496	ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
C9598,99	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
	1			
C9601-09	ECJ1XF1C104Z	C 0.1UF, Z, 16V	9	

Part No.	Part Name & Description	Pcs	Remarks
ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	11	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	13	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
EEVHB1C470	E 47UF, 16V	1	
ECJ1XC1H101J	C 100PF, J, 50V	1	
ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
EEVHB1C470		3	
ECJ1XC1H101J	C 100PF, J, 50V	6	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	1	
ECJ3XF1C475Z		1	
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ECJ1XF1C104Z	C 0.1UF, Z, 16V	3	
ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
F2H1E221A007	E 2.2UF, 25V	2	
ECJ3VB1C104K	C 0.10UF, K, 16V	1	
EEFUD0G121ER	120UF	1	
ECJ1XF1C104Z	C 0.1UF, Z, 16V	2	
EEVHB0G221	E 220UF, 4V	1	
ECJ3XB0J106M	C 10UF, M,6.3V	1	
EEVHB1C470	E 47UF, 16V	1	
ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
EQ 10VD4E40414	COALLE K 25V	1	
ECJ2XB1E104K	C 0.1UF, K, 25V	'	
	ECJ1XF1C104Z ECJ1XF1C104Z ECJ1XF1C104Z ECJ1XF1C104Z ECJ1XF1C104Z ECJ1XF1C104Z EEVHB1C470 ECJ1XC1H101J ECJ1XF1C104Z EEVHB1C470 ECJ1XF1C104Z EEVHB1C470 ECJ1XF1C104Z	ECJ1XF1C104Z C 0.1UF, Z, 16V ECJ1YF1H103Z C 0.01UF, Z, 50V ECJ1XF1C104Z C 0.1UF, Z, 16V EEVHB1C470 E 47UF, 16V ECJ1XC1H101J C 100PF, J, 50V ECJ1XF1C104Z C 0.1UF, Z, 16V EEVHB1C470 E 47UF, 16V ECJ1XF1C104Z C 0.1UF, Z, 16V EEVHB1C470 E 47UF, 16V ECJ1XF1C104Z C 0.1UF, Z, 16V EEVHB1C470 C 0.1UF, Z, 16V ECJ1XC1H101J C 100PF, J, 50V ECJ1XF1C104Z C 0.1UF, Z, 16V	ECJ1XF1C104Z

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
CB1-B7	K1MN80B00004	80P CONNECTOR	7	
	1/41/4 40 400 440	400 0011150700		
D3	K1KA40A00140	40P CONNECTOR	1	
D4	K1KA12A00227	12 PIN PH (2.0MM)	1	
D5	K1KA31A00003	31P CONNECTOR	1	
D6	K1KA21A00007	21P CONNECTOR	1	
D10	K1KA12A00254	12P CONNECTOR	1	
D12	K1KA07A00189	7P CONNECTOR	1	
D20	K1KA20A00180	20P CONNECTOR	1	
D25	K1KA08A00293	8P CONNECTOR	1	
D27	K1KA09A00077	9P CONNECTOR	1	
D31,32	K1MN50B00026	50P CONNECTOR	2	
D401-03	MA152K	DIODE	3	MA3X152K
D404	S1WBA80	DIODE	1	В0ЕВКТ000003 ⚠
D405	MA3082L	ZENER DIODE	1	MAZ30820L
D406	ERA22-10	DIODE	1	B0EAEV000002
D407	D1FL20UF4063	DIODE	1	B0HCMM000001
D408	PC123FY2	PHOTO COUPLER	1	B3PAA000012 A
D409-11	D1FL20UF4063	DIODE	3	B0HCMM000001
0412	MA3051M	ZENER DIODE	1	MAZ30510M
D413	MA3200M	ZENER DIODE	1	MAZ32000M
D451	B0FBBR000019	DIODE	1	Δ
D452	D1FL20UF4063	DIODE	1	B0HCMM000001
D453	MA3270M	ZENER DIODE	1	MAZ32700M
D454	D1FL20UF4063	DIODE	1	B0HCMM000001
D457	B0HARR000016	DIODE	1	
D458,59	MA3270M	ZENER DIODE	2	MAZ32700M
D460	MA3100M	ZENER DIODE	1	MAZ31000M
0462	TVSRM10B	DIODE	1	B0EAKT000009
D463	M1FS4	DIODE	1	202111100000
D551,52	B0BA02700021	DIODE	2	
D553-56	D1FL20UF4063	DIODE	4	B0HCMM000001
D557,58	TMPG10G3	DIODE	2	B0BA01000046
D557,38 D559			1	B0HCMM000001
D560	D1FL20UF4063 RC3B2LFU1	DIODE	1	POLICIAIMIOOOOOI
		DIODE	-	BUTCWW000004
D561,62	D1FL20UF4063	DIODE	2	B0HCMM000001
D563	RC3B2LFU1	DIODE	1	DOLLOMMOOOOO4
D564	D1FL20UF4063	DIODE	1	B0HCMM000001
D565,66	PC123FY2	PHOTO COUPLER	2	B3PAA000012 🗥
D567	FMLG16S	DIODE	1	B0HARR000008
D568	B0HFRJ000012	DIODE	1	
D570	FMLG16S	DIODE	1	B0HARR000008
D571	MA3056M	ZENER DIODE	1	MAZ30560M
0572	D1FL20UF4063	DIODE	1	B0HCMM000001
0573,74	B0HFRJ000012	DIODE	2	
D575	M1FS4	DIODE	1	
D576	D1FL20UF4063	DIODE	1	B0HCMM000001
D577-84	MA152K	DIODE	8	MA3X152K
D585	MA3056M	ZENER DIODE	1	MAZ30560M
D586	D1FL20UF4063	DIODE	1	B0HCMM000001
D587	M1FS4	DIODE	1	
D589	D1FL20UF4063	DIODE	1	B0HCMM000001
D590	MA152K	DIODE	1	MA3X152K

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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D592,93	D1FL20UF4063	DIODE	2	B0HCMM000001
0594	MA3056M	ZENER DIODE	1	MAZ30560M
595	MA152K	DIODE	1	MA3X152K
596	MA3051M	ZENER DIODE	1	MAZ30510M
0650	D1FL20UF4063	DIODE	1	B0HCMM000001
D652	D1FL20UF4063	DIODE	1	B0HCMM000001
D654	MA3056M	ZENER DIODE	1	MAZ30560M
D660	B0HFRJ000012	DIODE	1	
D661	MA152K	DIODE	1	MA3X152K
0802,03	M1FS4	DIODE	2	
0804	B0JCPD000010	DIODE	1	
0806,07	B0BC01000028	DIODE	2	
D901	ERZV10V621P2	VARISTOR	1	Δ
0902	D4SB80Z	DIODE	1	B0EBNT000004 A
0903	EG01C	DIODE	1	B0HAGV000001
0904	M1FL20UF4063	DIODE	1	B0HCMM000009
0906	TMPG10G3	DIODE	1	B0BA01000046
0907	PC123FY2	PHOTO COUPLER	1	B3PAA000012 A
0920	B0HFRJ000012	DIODE	1	DOFAROUUUU12
0921	B0BA02000024	DIODE	1	
0922	MA152K	DIODE	1	MA3X152K
01001	MA111	DIODE	1	MA2J111
01550	LNJ107W5PRW	LED	1	
1551-53	MA8056M	ZENER DIODE	3	MAZ80560M
02301,02	M1FS4	DIODE	2	
02308	MA152	DIODE	1	
2316,17	M1FS4	DIODE	2	
03001	MA111	DIODE	1	MA2J111 (J)
03001	MA2J72900L	DIODE	1	(HY)
3002	MA3100M	ZENER DIODE	1	MAZ31000M
03003,04	MA111	DIODE	2	MA2J111
03351,52	MA153	DIODE	2	MA3X153
03501-04	MA3056M	ZENER DIODE	4	MAZ30560M
3505	MA153	DIODE	1	MA3X153
03506	MA153	DIODE	1	MA3X153
)3506 )3507-10	MA8160H	ZENER DIODE	4	MAZ81600H
06401-03	MA8056H	ZENER DIODE	3	MAZ80560H
06405	D1FL40F4063	DIODE	1	B0ECHP00001
	MA8056H		2	MAZ80560H
06406,07 06409-12	D1FL40F4063	ZENER DIODE DIODE	4	B0ECHP00001
)6409-12 )6451	M1FS4	DIODE	1	DOLONIF 000001
06453	MA111	DIODE	1	MA2J111
	TLP181	PHOTO COUPLER	1	+
06454			1	B3PBA0000081
06455	MA111	DIODE		MA2J111
06456	D1FL40F4063	DIODE PHOTO COURL ER	1	B0ECHP000001
)6458 )6459	TLP181 MA111	PHOTO COUPLER	1	B3PBA0000081 MA2J111
06459 06460,61	B0HCKS000001	DIODE	2	MAZJIII
06462	M1FS4	DIODE	1	
)6462 )6463	MA8056H	ZENER DIODE	1	MAZ80560H
D6463 D6464	M1FS4	DIODE	1	mA20000011
)6464 )6465,66	MA8330M	ZENER DIODE	2	MAZ83300M
D6465,66 D6467	TLP181	PHOTO COUPLER	1	B3PBA000081

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6468	MA111	DIODE	1	MA2J111
D6469	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6470	MA111	DIODE	1	MA2J111
D6473	MA111	DIODE	1	MA2J111
D6474	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0ECHP000001
D6477	MA111	DIODE	1	MA2J111
D6478	B0HCKS000001	DIODE	1	
D6479	MA111	DIODE	1	MA2J111
D6480	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6481,82	MA8330M	ZENER DIODE	2	MAZ83300M
D6483-90	MA8056H	ZENER DIODE	8	MAZ80560H
D6491-94	D1FL40F4063	DIODE	4	B0ECHP000001
D6495	B0HCKS000001	DIODE	1	
D6496	M1FS4	DIODE	1	
D6501-08	K7GBZEE00002	PHOTO COUPLER	8	
D6509	MA111	DIODE	1	MA2J111
D6511	M1FL20UF4063	DIODE	1	B0HCMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6515	MA8240M	ZENER DIODE	1	MAZ82400M
D6516	MA111	DIODE	1	MA2J111
D6517	TLP181	PHOTO COUPLER	1	B3PBA0000081
D6519	MA111	DIODE	1	MA2J111
D6520	B0JCKG000001	DIODE	1	
D6521	D1FL40F4063	DIODE	1	B0ECHP000001
D6522	MA111	DIODE	1	MA2J111
D6523	D1FL40F4063	DIODE	1	B0ECHP000001
D6524	MA8051L	ZENER DIODE	1	MAZ80510L
D6525	MA111	DIODE	1	MA2J111
D6526	M1FL20UF4063	DIODE	1	B0HCMM000009
D6527	MA111	DIODE	1	MA2J111
D6529	M1FS4	DIODE	1	-
D6541	B0HCKS000001	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	ZENER DIODE	1	MAZ80510L
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	ZENER DIODE	1	MAZ80510L
D6546-48	MA8330M	ZENER DIODE	3	MAZ83300M
D6549,50	MA111	DIODE	2	MA2J111
D6551	M1FS4	DIODE	1	
D6552,53	MA111	DIODE	2	MA2J111
D6570	M1FL20UF4063	DIODE	1	B0HCMM000009
D6570	D1FL40F4063	DIODE	1	B0ECHP000001
D6582	MA8051L	ZENER DIODE	1	MAZ80510L
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	MAZ83300M
D6611,12	M1FS4	DIODE	2	
D6615	D1FL40F4063	DIODE	1	B0ECHP000001
D6620-22	SF20LC30F10	DIODE	3	50E0111 000001
			1	
D6624	SF20LC30F10	DIODE	1	
D6629	B0HBSM000031	DIODE	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6636	MA111	DIODE	1	MA2J111
D6637	D1FL40F4063	DIODE	1	B0ECHP000001
D6640	D1FL40F4063	DIODE	1	B0ECHP000001
D6641,42	M1FS4	DIODE	2	
D6645-47	D1FL40F4063	DIODE	3	B0ECHP000001
D6711,12	M1FS4	DIODE	2	
D6715	D1FL40F4063	DIODE	1	B0ECHP000001
D6720-22	SF20LC30F10	DIODE	3	
D6724	SF20LC30F10	DIODE	1	
D6729	B0HBSM000031	DIODE	1	
D6735	MA8051L	ZENER DIODE	1	MAZ80510L
D6736	MA111	DIODE	1	MA2J111
D6737	D1FL40F4063	DIODE	1	B0ECHP000001
D6740,41	D1FL40F4063	DIODE	2	B0ECHP000001
D6750,51	D1FL40F4063	DIODE	2	B0ECHP000001
			2	BOLCIII 000001
D6752,53	M1FS4	DIODE	1	B0ECHD00004
D6754	D1FL40F4063	DIODE	1	B0ECHP000001
D6755	M1FS4	DIODE	<u> </u>	DOECH DOOGOOA
D6757	D1FL40F4063	DIODE	1	B0ECHP000001
D6763	MA8051L	ZENER DIODE	1	MAZ80510L
D6764	MA111	DIODE	1	MA2J111
D6765	LNJ201LPQJA	LED	1	
D6766,67	MA8330M	ZENER DIODE	2	MAZ83300M
D6768	MA111	DIODE	1	MA2J111
D6769	LNJ201LPQJA	LED	1	
D7201-04	MA152K	DIODE	4	MA3X152K
D8001-04	MA111	DIODE	4	MA2J111
D9001	MA3036H	ZENER DIODE	1	MAZ30360H
D9003	MA3036H	ZENER DIODE	1	MAZ30360H
D9705-13	MA3062M	ZENER DIODE	9	MAZ30620M
D9715	MA3062M	ZENER DIODE	1	MAZ30620M
D9716	MA111	DIODE	1	MA2J111
D9719,20	MA3062M	ZENER DIODE	2	MAZ30620M
D9723	MA3062M	ZENER DIODE	1	MAZ30620M
D9724	MA111	DIODE	1	MA2J111
D9727	MA152K	DIODE	1	MA3X152K
D9730	MA152K	DIODE	1	MA3X152K
D9769-71	MA152K	DIODE	3	MA3X152K
D9952	M1FS4	DIODE	1	
D9953	MA152K	DIODE	1	MA3X152K
D9954	M1FS4	DIODE	1	
D9955	B0JCPD000010	DIODE	1	
F900-1,-2	EYF-52BC	FUSE HOLDER	2	
		_	2	
F901-1,-2	EYF-52BC	FUSE HOLDER	1	
F902-1,-2	EYF-52BC	FUSE HOLDER	2	
Н0	K1KA08A00293	8P CONNECTOR	1	
H1,H2	K1KA80B00034	80P CONNECTOR	2	
H37	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
HX1	K1KB22A00035	20P CONNECTOR	1	
IC401	MIP2E1DMY1TV	IC	1	
	1	1		

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC402	AN1431T	LINEAR IC	1	
IC403	AN7705F	LINEAR IC	1	
IC451	C0DABZG00001	IC	1	
IC551	C5HABZZ00115	IC	1	
IC552	C5HABZZ00080	IC	1	
IC553,54	AN1431T	LINEAR IC	2	
IC555	C0DAAHG00007	IC	1	
IC557,58	AN1431T	LINEAR IC	2	
IC801	C0DAAHG00008	IC	1	
IC802	C0DAAHG00007	IC	1	
IC803	C0DBALH00002	IC	1	
IC901	MIP2E4DMY1TV	IC	1	
IC902	AN1431T	LINEAR IC	1	
IC951	PQ12SZ1T	IC	1	C0CBAKG00003
IC952	PQ09SZ1T	IC	1	C0CBAHG00005
IC1001	C1DB00000274	IC	1	
IC1550	B3L000000020	IC	1	
IC2301,02	LA4901	IC	2	C1BA00000278
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC2401	BH3865S	LINEAR IC	1	C1BA00000302
IC3001	MC14052BF	MOS IC (CMOS GATE ARRLY)	1	C0JBAR000021
IC3002	C0JBBR000002	IC	1	
IC3003	CXA1315M	LINEAR IC	1	C1AB00000440
IC3004	CXA1875AM	LINEAR IC	1	C0FBBD000017
IC3005	C1AB00001139	IC	1	
IC3006	CXA1315M	LINEAR IC	1	C1AB00000440
IC3101	C0DBEZG00004	IC	1	
IC3102	C0DBZLB00001	IC	1	
IC3103	C1AB00001826	IC	1	
IC3104	C0EBE0000066	IC	1	
IC3105	C0JBAZ001834	IC	1	
IC3108,09	AN78L05M	LINEAR IC	2	
IC3201	C1AB00001720	IC	1	(J)
IC3201	C3HBKZ00001	IC	<u>'</u>	(HY)
IC3251	C0ZBZ0000684	IC	<u>'</u> 1	(HY)
IC3251	C1AB00001720	IC	<u>'</u>	(J)
IC3231	MM1065ZMR	LINEAR IC	<u>'</u> 1	C0CBABB00029
IC3301	CODBEZG00004	IC IC	<u>'</u>	CUCBABBUUU29
IC3302	AN80L25RMS	IC	<u>'</u> 1	
IC3305		MOS IC (MICON LSI)	<u>'</u> 1	C0 IBA7001265
IC3305	JLC1562BF C0JBBZ000285	IC	<u>'</u>	C0JBAZ001265
IC3311	C03BBZ000283	IC	<u>'</u>	
IC3401 IC3502	24LC21T-I/SN	IC	1	C3EBCC000020 (HX)
IC3502 IC3502	TC4W53FEL	IC	<u>'</u>	C0JBAR000111 (HY)
IC3502 IC3515	C0ZBZ0000205	IC	<u>'</u>	COUDAINOUTH (HT)
IC3515 IC3516	TC74HC14AF	IC	<u>'</u>	C0JBAB000155
IC3516 IC3517	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	
IC3699	S-24C16AFJ	INTEGRATED CIRCUIT	1	C0JBAS000109 C3EBGC000018
				0320000010
IC6401-08	C0HBC0000005	LINEARIC	8	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	AN78L15M	LINEAR IC	2	
IC6454,55	AN78L05M	LINEAR IC	2	
IC6456	AN1431M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC6491	AN1431M L	INEAR IC	1	
IC6501,02	TC74HC14AF	С	2	C0JBAB000155
IC6510	AN78L05M L	INEAR IC	1	
IC6511	C0ZBZ0000736	С	1	
IC6512	AN78L05M L	INEAR IC	1	
IC6521	C0ZBZ0000736	С	1	
IC6541,42		C	2	
IC6581		NTEGRATED CIRCUIT	1	C0BBBA000019
IC6601-03		C	3	002227000010
IC6604		INEAR IC	1	
IC6605,06		C		
IC6607		C	1	C0JBAA000084
IC6701-03		C	3	CUJBAAUUU064
IC6704		C	1	000000400040
IC6705		NTEGRATED CIRCUIT	1	C0BBBA000019
IC6706		C	1	
IC6711	-	INEAR IC	1	
IC7101	C0JBAZ001604	С	1	
IC7104-06	C0JBAZ001604	С	3	
IC7201-04	C0JBAZ001604	С	4	
IC8001,02	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	C0JBAR000021
IC8003,04	M52346SP L	INEAR IC	2	C1AA00000395
IC8005,06	TC74HC14AF	С	2	C0JBAB000155
IC8007,08	TC4W53FEL	С	2	C0JBAR000111
IC8009	AHC2G66HDCTR	NTEGRATED CIRCUIT	1	C0JBAS000109
IC9001	C0CBCBD00008	С	1	
IC9002	C0ZBZ0000551	С	1	
IC9003	C0JBAB000550	С	1	
IC9004	AHC2G66HDCTR	NTEGRATED CIRCUIT	1	C0JBAS000109
IC9005	C0JBAZ001992	С	1	
IC9006,07		C	2	
IC9008		C	1	
IC9009		C	1	
IC9010		C	1	
IC9011		C	1	
IC9011		C	<u>'</u>	
			<u>'</u>	C0 IDAS000100
IC9013		NTEGRATED CIRCUIT	<u>'</u>	C0JBAS000109
IC9015		C		
IC9016,17		C	2	
IC9018		C	1	
IC9019		C	1	
IC9023		C	1	
IC9151		C	1	
IC9152,53		C	2	
IC9155		С	1	
IC9157	TLC2933IPWL	NTEGRATED CIRCUIT	1	C0ABFA000012
IC9301	H4HBDB000005	С	1	
IC9302	C0CBCBD00008	С	1	
IC9303	H4HBDB000004	С	1	
IC9453	C0DBEZG00004	С	1	
IC9454	C3ABPJ000043	С	1	
IC9455	MN84510	С	1	
IC9456	TVRJ952	С	1	C3FBNG000007
IC9459	C0JBAZ001992	С	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9601	C0JBAZ001604	IC	1	
IC9602	C0JBAZ000855	IC	1	
IC9603,04	C0JBAZ001604	IC	2	
IC9605	C1ZBZ0002329	IC	1	
IC9606	C0EBE0000066	IC	1	
IC9608	C0ZBZ0000764	IC	1	
IC9701	MN102L230	IC	1	
IC9702	C3EBJC000038	IC	1	
IC9703	C0JBAZ001604	IC	1	
IC9704	HM538123BJ8Z	IC	1	C3HAHC000006
IC9705	TVRJ951	IC	1	C3FBLD000026
IC9706	C0JBAZ000855	IC	1	
IC9707	C0JBAE000283	IC	1	
IC9708	S-24C16AFJ	INTEGRATED CIRCUIT	1	C3EBGC000018
IC9709	TVRJ950	IC	1	C2BBGF000297
IC9710	M51957BFP	LINEAR IC	1	C0EBB0000024
IC9711	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	C0JBAS000109
IC9951	C0DBAMH00006	IC IC	1	
IC9952	C0DBAFH00021	IC	1	
		-	•	
J3	K1KA40A00140	40P CONNECTOR	1	
J5	K1KA31B00004	31P CONNECTOR	1	
J6	K1KA21B00005	21P CONNECTOR	1	
J8	K1KA20A00180	20P CONNECTOR	1	
J10	K1KA06A00183	6P CONNECTOR	1	
J11-13	K1KB80B00023	80P CONNECTOR	3	
J14	K1KA22A00067	22P CONNECTOR	1	
014	1110 227 100007	ZZ: GOMMZOTOM	•	
JK3001	K1CB106B0027	CONNECTOR	1	
JK3002	K1QBB2AB0005	CONNECTOR	1	
JK3004	K2HA204B0097	JACK	1	
JK3303	K2HA204B0097	JACK	1	
JK3304	K1QBB5AB0005	CONNECTOR	1	
JK3509	K1FB109B0058	CONNECTOR	1	
JK3511	TJS8A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
	11.200220010		•	
JS2301	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3301-12	ERJ3GEY0R00	M 0 OHM, 1/16W	12	
JS3313	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
JS3501-03	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS3506-08	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
JS8092-97	TSK1032	CHIP INDUCTOR	6	J0JCC0000100
	1011102			
L401	ELEXT100KA	PEAKING COIL	1	
L451	G4D4A0000048	SWITCHING TRANSFORMER	1	
L452	EXCELDR35C	BEAD CHOKE	1	
L551,52	EXCELDR35C	BEAD CHOKE	2	
L554	TALFP15B221K	INDUCTION COIL	1	G0A221GA0001
L801	G1C101ZA0037	INDUCTION COIL	1	CONTEIGNOUT
L802		INDUCTION COIL	1	
	G1C121ZA0037	INDUCTION COIL	1	
L803	G1C680ZA0037	CHOKE COIL		A
L901-03	G0B123K00001	SHOKE COIL	3	$\Delta$

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L904	G0A100GA0013	CHOKE COIL	1	
L905	ELF17N011A	LINE FILTER	1	Δ
L906	EXCELDR35C	BEAD CHOKE	1	
L951-60	ELKE103FA	NOISE FILTER	10	
L1001	ELJPA100KB	CHIP INDUCTOR	1	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L2330,31	TAL10RP221LB	INDUCTION COIL	2	G0ZZ00001909
L3001	ELJPA100KB	CHIP INDUCTOR	1	(J)
L3001	TLK20LFA223M	EMI FILTER	1	J0HABB000003 (HY)
L3002	ELJPA100KB	CHIP INDUCTOR	1	(J)
L3002	TLK20LFA224M	EMI FILTER	1	J0HABB000004 (HY)
L3003	ELJPA100KB	CHIP INDUCTOR	1	(J)
L3003	TLK20LFA224M	EMI FILTER	1	J0HABB000004 (HY)
L3005	ELJPA100KB	CHIP INDUCTOR	1	(J)
L3005	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
L3005	ELJPA100KB	CHIP INDUCTOR	1	(J)
L3006	J0E8004B0008	LCR FILTER	1	(HY)
	TALC168T2R2K	CHIP INDUCTOR COIL	1	G1C2R2K00006
L3007	1 11		1 -	GTC2R2N00000
L3051,52	ELJNA1R5JF	COIL	2	
L3101-04	ELJPA100KB	CHIP INDUCTOR	4	
L3107	J0JGC0000021	CHIP INDUCTOR COIL	1	
L3108	ELJPA100KB	CHIP INDUCTOR	1	
L3201	ELJPA100KB	CHIP INDUCTOR	1	
L3251,52	ELJPA2R2MF	CHIP INDUCTOR	2	
L3303	ELJPA100KB	CHIP INDUCTOR	1	
L3305-08	ELKE103FA	NOISE FILTER	4	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-17	TLK212T256AL	EMI FILTER	8	J0HAAB000012
L3525	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3526	ELJPA100KB	CHIP INDUCTOR	1	(HX)
L3526	TLK20LFA223M	EMI FILTER	1	J0HABB000003 (HY)
L3527-29	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3531	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3532,33	ELJPA100KB	CHIP INDUCTOR	2	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L6451	J0JJC0000021	CHIP INDUCTOR	1	
L6453	J0JJC0000021	CHIP INDUCTOR	1	
L6471	J0JJC0000021	CHIP INDUCTOR	1	
L6472	TSKA158	BEAD CORE	1	G0ZZ00001935
L6602	TSKA158	BEAD CORE	1	G0ZZ00001935
L6604,05	TSKA158	BEAD CORE	2	G0ZZ00001935
L6611,12	ELC16BR82L	CHOKE COIL	2	
L6615,16	ELC16BR82L	CHOKE COIL	2	
L6618	J0JJC0000021	CHIP INDUCTOR	1	
L6620-28	TSKA158	BEAD CORE	9	G0ZZ00001935
L6634-38	TSKA158	BEAD CORE	5	G0ZZ00001935
L6644,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6647,48	J0JJC0000021	CHIP INDUCTOR	2	
L6702-04	TSKA158	BEAD CORE	3	G0ZZ00001935
L6705	G0C101K00023	PEAKING COIL	1	
L6711-14	ELC16BR82L	CHOKE COIL	4	
L6717,18	J0JJC0000021	CHIP INDUCTOR	2	
L6719-23	TSKA158	BEAD CORE	5	G0ZZ00001935
20110 20	ISITATO	JEAD COILE		C0220001300

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L6726,27	TSKA158	BEAD CORE	2	G0ZZ00001935
L6736,37	TSKA158	BEAD CORE	2	G0ZZ00001935
L6744,45	TSKA158	BEAD CORE	2	G0ZZ00001935
L6747	J0JJC0000021	CHIP INDUCTOR	1	
L6750	TSKA158	BEAD CORE	1	G0ZZ00001935
L7106	ELKE103FA	NOISE FILTER	1	
L7207-09	ELKE103FA	NOISE FILTER	3	
L8001-07	ELJPA100KB	CHIP INDUCTOR	7	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9001-03	ELKE103FA	NOISE FILTER	3	
L9008-10	ELKE103FA	NOISE FILTER	3	
L9452	ELJFA1R0KF	CHIP COIL	1	
L9459	ELKE103FA	NOISE FILTER	1	
L9701	ELKE103FA	NOISE FILTER	1	
L9951-54	ELKE103FA	NOISE FILTER	4	
			1	
L9955	G1C470M00012	INDUCTOR COIL	-	
L9956	G1C1R5MA0078	INDUCTOR COIL	1	
P2	K1KA06A00180	6P CONNECTOR	1	
			1	K1KA11A00073
P5	TJS1A8870	11P CONNECTOR		
P7	TJS1A8800	4P CONNECTOR	1	K1KA04A00242
P9	K1KA02A00244	2P CONNECTOR	1	K4K 405 400477
P10	TJS1A8810	5P CONNECTOR	1	K1KA05A00177
P11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P12	K1KA05A00139	5P CONNECTOR	1	1/1//
P23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
P25	TJS1A8840	8P CONNECTOR	1	K1KA08A00221
P27	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
PF1	K1KA03A00181	3P CONNECTOR	1	
PF9	K1KA03A00181	3P CONNECTOR	1	
PF10	K1KA06A00220	6P CONNECTOR	1	
Q401-04	2SC3311A	TRANSISTOR	4	2SC3311AW
Q405	B1CBGD000001	TRANSISTOR	1	
Q406	2SC3311A	TRANSISTOR	1	2SC3311AW
Q451	B1DEGR000021	TRANSISTOR	1	
Q452	2SD2177R	TRANSISTOR	1	
Q453	2SB1434R	TRANSISTOR	1	2SB14340RA
Q454	B1DEGR000021	TRANSISTOR	1	
Q455,56	2SC3311A	TRANSISTOR	2	2SC3311AW
Q457	2SA1309A	TRANSISTOR	1	2SA13090WA
Q552	B1DEGQ000019	FET	1	
Q553	2SB621A	TRANSISTOR	1	2SB0621AW
Q554,55	2SC3311A	TRANSISTOR	2	2SC3311AW
Q557,58	2SC3311A	TRANSISTOR	2	2SC3311AW 2SC3311AW
			2	+
Q650,51	2SC3311A	TRANSISTOR	_	2SC3311AW
Q903	2SD1328	TRANSISTOR	1	2SD132806
Q1540	2SD601A	TRANSISTOR	1	2SD0601A
Q2301-03	2SD601A	TRANSISTOR	3	2SD0601A
Q2305,06	2SD601A	TRANSISTOR	2	2SD0601A
Q2330,31	2SD1266A	TRANSISTOR	2	2SD1266AJ
Q2333,34	2SD601A	TRANSISTOR	2	2SD0601A
Q2370	2SB709A	TRANSISTOR	1	2SB0709A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3001	2SB709A	TRANSISTOR	1	2SB0709A
Q3002-05	2SD601A	TRANSISTOR	4	2SD0601A
Q3007	2SB709A	TRANSISTOR	1	2SB0709A
Q3023	2SD601A	TRANSISTOR	1	2SD0601A
Q3051,52	2SD601A	TRANSISTOR	2	2SD0601A
•	1.2.2.2.2		1	
Q3101	2SB709A	TRANSISTOR		2SB0709A (HY)
Q3101	2SD601A	TRANSISTOR	1	2SD0601A (J)
Q3102	2SD1030	TRANSISTOR	1	(HY)
Q3102	2SD601A	TRANSISTOR	1	2SD0601A (J)
Q3103	2SD1030	TRANSISTOR	1	(HY)
Q3103	2SD601A	TRANSISTOR	1	2SD0601A (J)
Q3104	2SD1030	TRANSISTOR	1	(HY)
Q3104-06	2SD601A	TRANSISTOR	3	2SD0601A (J)
Q3401	2SD601A	TRANSISTOR	1	2SD0601A
Q3403	2SD601A	TRANSISTOR	1	2SD0601A
Q3501	2SD601A	TRANSISTOR	1	2SD0601A
Q3502	2SB709A	TRANSISTOR	1	2SB0709A
Q3503-05	2SD601A	TRANSISTOR	3	2SD0601A
Q3506	2SB709A	TRANSISTOR	1	2SB0709A
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
	2SD601A	TRANSISTOR	1	2SD0703A
Q3515				
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3533,34	2SB709A	TRANSISTOR	2	2SB0709A
Q3535,36	2SD601A	TRANSISTOR	2	2SD0601A
Q6401	2SK620	FET	1	2SK0620
Q6451	B1BBCJ000003	TRANSISTOR	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6454	2SD814A	TRANSISTOR	1	
Q6455	2SD601A	TRANSISTOR	1	2SD0601A
Q6461	B1BBCJ000003	TRANSISTOR	1	
Q6462	2SB709A	TRANSISTOR	1	2SB0709A
Q6463	2SD601A	TRANSISTOR	1	2SD0601A
Q6471	B1BBCJ000003	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6475-77	2SD601A	TRANSISTOR	3	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6501-04	2SK620	FET	4	2SK0620
		TRANSISTOR	2	23110020
Q6511,12	B1DFGL000005			2500604 4
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	B1DFES000001	TRANSISTOR	1	
Q6522-27	2SK2993	FET	6	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542-47	2SK373100L	TRANSISTOR	6	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A
OCEES	B1DFES000001	TRANSISTOR	1	
Q6552	BIDEESOOOOI	TIVALIOIOTOR		

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6554	2SD2185	TRANSISTOR	1	
Q6555	B1DFES000001	TRANSISTOR	1	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601,02	2SK3559000SQ	TRANSISTOR	2	
Q6603,04	2SK620	FET	2	2SK0620
Q6605,06	2SK3559000SQ	TRANSISTOR	2	
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621	2SK3637000VE	TRANSISTOR	1	
Q6624	2SK3637000VE	TRANSISTOR	1	
Q6641,42	B1DFHM000002	TRANSISTOR	2	
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6672	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6673	2SD1263A	TRANSISTOR	1	
Q6701,02	2SK3559000SQ	TRANSISTOR	2	
Q6705,06	2SK3559000SQ	TRANSISTOR	2	
Q6711	2SD2185	TRANSISTOR	1	
Q6712	2SB1073001TV	TRANSISTOR	1	
Q6713	2SD2185	TRANSISTOR	1	
Q6714	2SB1073001TV	TRANSISTOR	1	
Q6721	2SK3637000VE	TRANSISTOR	1	
Q6724	2SK3637000VE	TRANSISTOR	1	
Q6725	2SK620	FET	1	2SK0620
Q6741,42	B1DFHM000002	TRANSISTOR	2	
Q6745,46	2SK326800L	FET	2	
Q6751	2SD1263P	TRANSISTOR	1	
Q6752,53	2SC1473	TRANSISTOR	2	2SC14730E
Q6756	2SD601A	TRANSISTOR	1	2SD0601A
Q7201,02	2SB709A	TRANSISTOR	2	2SB0709A
Q8001,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9001,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9301	2SD601A	TRANSISTOR	1	2SD0601A
Q9400	2SD601A	TRANSISTOR	1	2SD0601A
Q9596-99	2SD601A	TRANSISTOR	4	2SD0601A
Q9601,02	2SD601A	TRANSISTOR	2	2SD0601A
Q9701	2SD601A	TRANSISTOR	1	2SD0601A
Q9702	2SB1440	TRANSISTOR	1	2SB14400H
Q9703,04	2SK620	FET	2	2SK0620
Q9706	2SK620	FET	1	2SK0620
Q9707	2SB709A	TRANSISTOR	1	2SB0709A
Q9708,09	2SD601A	TRANSISTOR	2	2SD0601A
Q9710	2SB709A	TRANSISTOR	1	2SB0709A
Q9714-16	2SD601A	TRANSISTOR	3	2SD0601A
Q9719	2SK620	FET	1	2SK0620
			+ •	
R402	ERF10TK3R3	W 3.3 OHM, 10W	1	
R404	ERF10TK3R3	W 3.3 OHM, 10W	1	
R406	ERU5TAJ150	F 15 OHM, 5W	1	<u>A</u>
		·		123
R407	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R408	ERJ6GEYJ6R8	M 6.8 OHM,J,1/10W	1	
R409	ERG1FJS104D	M 100KOHM, J, 1W	1	
R410	ERJ6GEYJ6R8	M 6.8 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R411	ERDS1FJ561	C 560 OHM, J,1/2W	1	
R412	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R413	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R414	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R415	ERJ6ENF3901	M 3.9KOHM, 1/10W	1	
R416	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R417	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R418	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R420-22	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R423	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
	ERJ6GEYJ473	<del> </del>	2	
R424,25		M 47KOHM, J, 1/10W		
R426,27	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R428	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R429-31	ERJ6ENF3303	M 330KOHM, 1/10W	3	
R432	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R433-35	ERJ6ENF3303	M 330KOHM, 1/10W	3	
R436	ERJ6ENF1202	M 12KOHM, 1/10W	1	
R451	ERDS1FJ274	C 270KOHM, J,1/2W	1	
R452	ERDS1FJ224	C 220KOHM, J,1/2W	1	
R453	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R454,55	ERG3FJS333D	M 33KOHM, J, 3W	2	
R456	ERDS1FJ2R7	C 2.7 OHM, J,1/2W	1	
R457,58	ERF5EKR15	W0.15 OHM, 5W	2	
R459	ERJ6GEYJ270	M 27 OHM,J,1/10W	1	
R460	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R461	ERJ6GEYF563	M 56KOHM,F,1/10W	1	
R462	ERG1FJS100D	M 10 OHM, J, 1W	1	
R463	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R464	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R465	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R466	ERJ6ENF2703	M 270KOHM, 1/10W	1	
R467	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R468	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R469	ERDS1FJ103	C 220 OHM, J,1/2W	1	
R470	ERJ6ENF5602	M 56KOHM, 1/10W	1	
R471	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R472-74	ERJ6ENF3303	M 330KOHM, 1/10W	3	
R476	ERJ6ENF3601	M 3.6KOHM, 1/10W	1	
R477	ERJ6ENF4020	M 402 OHM, 1/10W	1	
R478-80	ERJ6ENF3303	M 330KOHM, 1/10W	3	
R481	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R482	ERJ6ENF4220	M 422 OHM, 1/10W	1	
R483	ERG2FJS104D	M 100KOHM, J, 2W	1	
R484	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R485	ERG1FJS393D	M 39KOHM, J, 3W	1	
R486	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R487	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R488	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R489	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R490	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R491,92	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R493	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R502,03	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	2	
R504	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
	1			

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R550	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R551	ERG2FJS104D	M 100KOHM, J, 2W	1	
R552	ER0S2CKF1053	M 105KOHM, F,1/4W	1	EROS2CKF1053
R553	ERG2FJS104D	M 100KOHM, J, 2W	1	
R554	ER0S2CKF1053	M 105KOHM, F,1/4W	1	EROS2CKF1053
R555	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R556	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R557,58	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R560	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R561	ERJ6ENF1212	M12.1KOHM, 1/10W	1	
R563	ERG3FJS683D	M 68KOHM, J, 3W	1	
R564,65	ERJ6GEYJ681	M 680 OHM,J,1/10W	2	
R568	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R569	ERX2FJSR47D	M 0.47OHM, J, 2W	1	
R571	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R572	ERG3FJS683D	M 68KOHM, J, 3W	1	
R573	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R574	ERX1FJSR56D	M0.56 OHM, J, 1W	1	
R575	ERJ6GEYJ222	M 2.2KOHM, J, 1/10W	1	
R576	ERX2FJSR47D	M 0.47OHM, J, 2W	1	
	ERG3FJS683D	M 68KOHM, J, 3W	2	
R577,78 R579,80	ERDS1FJ220	C 22 OHM, J,1/2W	2	
	ERJ6GEYJ102		2	
R581,82		M 1KOHM,J,1/10W	+	
R583,84	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R585,86	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R587	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R588	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R589	ERJ6ENF4992	M49.9KOHM, 1/10W	1	
R590	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R591	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R592	ERG1FJS222D	M 2.2KOHM, J, 1W	1	
R593	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R594	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R595	ERDS1FJ471	C 470 OHM, J,1/2W	1	
R596	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	1	
R597,98	ERDS1FJ224	C 220KOHM, J,1/2W	2	
R599	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R600	ERDS1FJ224	C 220KOHM, J,1/2W	1	
R601	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	1	
R602	ERJ6ENF4642	M46.4KOHM, 1/10W	1	
R603,04	ERJ6ENF4992	M49.9KOHM, 1/10W	2	
R605	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R606	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R607	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R608	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	1	
R609	ERJ6ENF1212	M12.1KOHM, 1/10W	1	
R610	ERJ6ENF3301	M 3.3KOHM, 1/10W	1	
R611	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	
R612	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R613	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R614	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R615,16	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R617	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R618	ERJ6GEYJ680	M 68 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R620	ERJ6GEYJ680	M 68 OHM,J,1/10W	1	
R623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R625,26	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R627	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R628	ERDS1FJ470	C 47 OHM, J,1/2W	1	
R630	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R631	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R635	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R650	ERG1FJS222D	M 2.2KOHM, J, 1W	1	
R652	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R653	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R654	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R655	ERDS1FJ472	C 4.7KOHM, J,1/2W	1	
R656,57	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R803	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R805	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R806,07	ERJ6ENF15R0	M 15 OHM, 1/10W	2	
R808	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R809	ERJ6ENF1201	M 1.2KOHM, 1/10W	1	
R810	ERJ6ENF5100	M 510 OHM, 1/10W	1	
R901,02	ERC12ZGK105	S 1MOHM, K,1/2W	2	Δ
		. ,		
R903	ERF7TK3R3	W 3.3 OHM, K, 7W	1	
R904	ERG2FJS683D	M 68KOHM, J, 2W	1	
R905	ERJ6GEYJ330	M 33 OHM,J,1/10W	1	
R906	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R907	ERJ6GEYJ120	M 12 OHM,J,1/10W	1	
R920	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R921	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R922	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R923	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R924	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R925	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R926	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R927	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R951,52	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R1001,02	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R1003	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R1500	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R1510	ERJ3GEYF222	M 2.2KOHM, 1/16W	1	
R1511	ERJ3GEYF332	M 3.3KOHM, 1/16W	1	
R1512,13	ERJ3GEYF472	M 4.7KOHM, 1/16W	2	
R1550	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1551	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R1552	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R1553	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R1554	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R1555,56	TAJAAH0470JV	M 47 OHM,J,1/16W	2	D0GB470JA006
R2301	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2305,06	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R2309	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2319,20	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM, 1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2324,25	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2341	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2350	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2351-54	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R2355-60	ERDS1FJ2R2	C 2.2 OHM, J,1/2W	6	
R2365,66	ERX1FJSR56D	M0.56 OHM, J, 1W	2	
R2367	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
		<del> </del>	2	
R2368,69	ERJ6GEYJ103	M 10KOHM,J,1/10W		
R2370	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R2371,72	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2373	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2408	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,62	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2464	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
			1	
R2470	ERJ6GEYJ472	M 4.7KOHM,J,1/10W		
R2471	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM, J,1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2476,77	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2480	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2481,82	ERJ6GEYJ153	M 15KOHM,J,1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R2485	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3001	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3001	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3002	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3002	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3003	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3003	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3004	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3005	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3005	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(J)
R3006	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3006	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	(J)
R3007	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	(HY)
R3007	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3008	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3008	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3009	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002 (J)
R3009	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3010	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002 (J)
R3010	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HY)
R3011	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3011	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	+
R3012	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3012	ERJ3GEYJ752	M 7.5KOHM,J,1/16W	1	+
R3012	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HY)
R3013	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(J)
R3014			1	(HY)
	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(J)
R3014	ERJ3GEYJ752	M 7.5KOHM, J,1/16W		(HY)
R3015	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(J)
R3015-22	TSK1032	CHIP INDUCTOR	8	J0JCC0000100
R3025	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3026	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3026	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	(HY)
R3027	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3027	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HY)
R3028,29	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3030	TSK1032	CHIP INDUCTOR	1	J0JCC0000100
R3031	ERJ3EKF1800	M 180 OHM, 1/16W	1	(HY)
R3031	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3032	ERJ3EKF6200	M 620 OHM, 1/16W	1	(HY)
R3032	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3033	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3033	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3034	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3035	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HY)
R3035,36	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	(J)
R3036	ERJ6ENF1800	M 180 OHM, 1/10W	1	(HY)
R3037	TSK1032	CHIP INDUCTOR	1	J0JCC0000100
R3038	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	(HY)
R3038	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3039	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3040	ERJ3EKF3300	M 330 OHM, 1/16W	1	(HY)
R3040,41	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	(J)
R3042	ERJ3EKF6801	M 6.8KOHM, 1/16W	1	(HY)
R3042,43	TSK1032	CHIP INDUCTOR	2	J0JCC0000100 (J)
R3044	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3045	ERJ3EKF2200	M 220 OHM, 1/16W	1	(HY)
R3045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3046	ERJ3EKF1000	M 100 OHM, 1/16W	1	(HY)
R3046	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3047	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HY)
R3047	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(J)
R3048	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	D0GB334JA002 (J)
R3048	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3049	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HY)
R3049	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	D0GB334JA002 (J)
R3050	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3050	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(HY)
R3051	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HY)
R3051	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	D0GB334JA002 (J)
R3052	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HY)
R3052	ERJ3GEYJ334		1	D0GB334JA002 (J)
		M 330KOHM,J,1/16W		
R3053	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HY)
R3053	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3054	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HY)
R3054	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3055	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	(HY)
R3055	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	D0GB334JA002 (J)
R3056	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	(HY)
R3056	ERJ3GEYJ334	M 330KOHM,J,1/16W	1	D0GB334JA002 (J)
R3057	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3057	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3058	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	(J)
R3058	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3059	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002 (J)
R3060	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HY)
R3060	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3061	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	(HY)
R3061	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3062	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3063	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3064	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	DOGBTOTOAGOZ
R3065	ERJ6GEY0R00			/UV\
		M 0 OHM, 1/10W	5	(HY)
R3065-69	ERJ6GEYJ560	M 56 OHM,J,1/10W		(1)
R3070-75	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3076-81	ERJ6GEYJ560	M 56 OHM,J,1/10W	6	
R3082,83	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3084,85	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3086,87	TSK1032	CHIP INDUCTOR	2	J0JCC0000100
R3088-93	ERJ6ENF75R0	M 75 OHM, 1/10W	6	
R3094-96	ERJ3GEYJ331	M 330 OHM,J,1/16W	3	
R3097,98	TSK1032	CHIP INDUCTOR	2	J0JCC0000100
R3099,00	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3101	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HY)
R3101	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3102	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3102	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3103	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HY)
R3103	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3104	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HY)
R3104	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
			1 *	13-7

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3105	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3106	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3106	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3107	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	(HY)
R3107	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3108	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3108	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3112	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	(HY)
R3112	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3113	ERJ3EKF1501	M 1.5KOHM, 1/16W	1	(HY)
R3113	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
R3114	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3114	ERJ6ENF8200	M 820 OHM, 1/10W	1	
		<u> </u>	2	(J)
R3115,02	ERJ3GEYJ102	M 1KOHM,J,1/16W	-	10.100000400
R3116	TSK1032	CHIP INDUCTOR	1	J0JCC0000100
R3117	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	(HY)
R3117	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	(J)
R3118	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3118	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	(J)
R3119,02	ERJ3GEYJ121	M 120 OHM,J,1/16W	2	
R3120	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3121	ERJ3GEYJ121	M 120 OHM,J,1/16W	1	(HY)
R3121	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3122	ERJ3EKF8201	M 8.2KOHM, 1/16W	1	(HY)
R3122	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3123	ERJ3EKF1502	M 15KOHM, 1/16W	1	(HY)
R3123	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3124	ERJ3EKF10R0	M 10 OHM, 1/16W	1	(HY)
R3124	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3125	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3125,26	ERJ6GEY0R00	M 0 OHM, 1/10W	2	(J)
R3127	ERJ6ENF12R0	M 12 OHM, 1/10W	1	(HY)
R3127	ERJ6GEY0R00	M 0 OHM, 1/10W	1	(J)
R3128,29	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	(J)
R3129	ERJ6ENF12R0	M 12 OHM, 1/10W	1	(HY)
R3130,31	ERJ3GEYJ181	M 180 OHM,J,1/16W	2	(J)
R3131	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	(HY)
		<u> </u>		(111)
R3132,33	ERJ3GEYJ181	M 180 OHM,J,1/16W M 10 OHM, 1/10W	2	
R3135	ERJ6ENF10R0	· · ·	1	
R3136-39	ERJ3GEY0R00	M 0 OHM, 1/16W	4	/UV)
R3140	ERJ3GEYJ220	M 22 OHM, J, 1/16W	1	(HY)
R3140	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3141	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3141	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	(J)
R3142,43	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R3144,45	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3148,49	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3151	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3152	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3153	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3154,55	ERJ3GEYJ331	M 330 OHM,J,1/16W	2	
R3156	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3157	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3159	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3160	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HY)
R3160	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3161	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	(HY)
R3161	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	(J)
R3162,63	ERJ3EKF2701	M 2.7KOHM, 1/16W	2	
R3164-67	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R3168	ERJ3EKF2000	M 200 OHM, 1/16W	1	
R3169-72	ERJ6ENF75R0	M 75 OHM, 1/10W	4	
R3173	ERJ3EKF2200	M 220 OHM, 1/16W	1	
R3174	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3177	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3178	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3179	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3180	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3181	ERJ3EKF1401		1	
		M 1.4KOHM, 1/16W	_	
R3182	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3183	ERJ3EKF1401	M 1.4KOHM, 1/16W	1	
R3184	ERJ3EKF1101	M 1.1KOHM, 1/16W	1	
R3185	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R3188	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3189	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3189	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(J)
R3190	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3190	ERJ6ENF75R0	M 75 OHM, 1/10W	1	(J)
R3191	ERJ14YJ330	M 33 OHM, J,1/4W	1	(J)
R3191	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	(HY)
R3192-94	ERJ14YJ330	M 33 OHM, J,1/4W	3	
R3195,96	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3197,98	ERJ3GEYJ123	M 12KOHM,J,1/16W	2	
R3199-01	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R3202	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3202	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3203	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3203	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3204	ERJ3GEY0R00	M 0 OHM, 1/16W	1	(HY)
R3204	ERJ6ENF1800	M 180 OHM, 1/10W	1	(J)
R3205-07	ERJ3GEY0R00	M 0 OHM, 1/16W	3	, ,
R3251	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R3252	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3253	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	(HY)
R3253	TSK1032	CHIP INDUCTOR	1	J0JCC0000100 (J)
			1	530553000100 (3)
R3254	ERJ6ENF4701	M 4.7KOHM, 1/10W	_	-
R3255	ERJ6ENF8200	M 820 OHM, 1/10W	1	10.100000400
R3256	TSK1032	CHIP INDUCTOR	1	J0JCC0000100
R3257	ERJ6ENF1501	M 1.5KOHM, 1/10W	1	10.10.00000.100
R3259	TSK1032	CHIP INDUCTOR	1	J0JCC0000100
R3260-62	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3297,98	TSK1032	CHIP INDUCTOR	2	J0JCC0000100
R3300,01	ERJ3EKF1501	M 1.5KOHM, 1/16W	2	
R3302	ERJ3GEYJ203	M 20KOHM,J,1/16W	1	
R3303,04	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3305-09	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3313,14	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3317	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3334	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3337,38	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3401	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R3402	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R3403	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R3404	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R3405	ERJ3EKF2701	M 2.7KOHM, 1/16W	1	
R3406	ERJ3EKF1801	M 1.8KOHM, 1/16W	1	
R3407	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R3408	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3409	ERJ6ENF6800	M 680 OHM, 1/10W	1	
R3410	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R3411	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3412	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3413	ERJ3EKF1800	M 180 OHM, 1/16W	1	
R3418	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3501,02	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3506-09	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R3510,11	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3514-17	TAJAAH0101JV	M 100 OHM,J,1/16W	4	D0GB101JA006
R3519	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3521,22	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3525-28	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3529	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HX)
R3529	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3530	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	(HX)
R3530	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006 (HY)
R3531,32	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	DOOD TO TO ACCO (TTT)
R3535,36	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3538,39	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R3544,45	ERJ3GEYJ472		2	DOGBIOISAGO
R3546,02	ERJ3GEYJ3R3	M 4.7KOHM,J,1/16W	2	
•		M 3.3 OHM,J,1/16W M 100 OHM,J,1/10W	2	
R3547,48	ERJ6GEYJ101		1	
R3557	ERJ6ENF56R0	M 56 OHM, 1/10W	<u> </u>	
R3558	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3591-93	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R3611,12	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3618	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3755,56	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3759,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3780	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3781-84	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3785	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3786-89	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	4	
R6401-08	ERJ6GEYJ221	M 220 OHM,J,1/10W	8	
R6409	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6410,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6413	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6420-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6424	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6425-28	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6429	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6431	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6433	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6441	ERJ6ENF7502	M 75KOHM, 1/10W	1	
R6442	ERJ6ENF6982	M69.8KOHM, 1/10W	1	
R6443	EVMEASA00B24	CONTROL 20KOHMB 0.3W	1	
R6444	ERJ6GEYJ272	M 2.7KOHM,J,1/10W	1	
R6445	ERJ6ENF2551	M2.55KOHM, 1/10W	1	
R6446	ERJ6GEYJ224		1	
R6447	ERG2FJS223D	M 220KOHM, J, 1/10W M 22KOHM, J, 2W	1	
	<u> </u>		1	
R6448	ERG2FJS472D	M 82KOHM, J, 3W		
R6449,50	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6452	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6453	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6454	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6455	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6456	ERJ6ENF4533	M 453KOHM, 1/10W	1	
R6457,58	ERJ6ENF1002	M 10KOHM, 1/10W	2	
R6459	ERJ14YJ104	M 100KOHM, J,1/4W	1	
R6460	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6463	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6464	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6465	ERX2FJS8R2D	M 8.2 OHM, J, 2W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R6468	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6470	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6471	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6472	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6473	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6474	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6475	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6476	ERJ6ENF3243	M 324KOHM, 1/10W	1	
R6477	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R6478	ERJ6ENF6981	M6.98KOHM, 1/10W	1	
R6479	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6480	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6482	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6483	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	1	
R6484	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6485,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6489	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6492,93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6495,96	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R6501-09	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	9	
R6510	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX3FJS2R2D	M 2.2 OHM, J, 3W	1	
	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6514	ERJ6GEYJ104		1	
R6515		M 10 OHM, J, 1/10W	+	
R6516	ERJ6GEYJ471	M 470 OHM, J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	D00D404 14000
R6518	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6519	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6520	ERJ6GEYJ151	M 150 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6522	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R6524	ERJ6ENF2001	M 2KOHM, 1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527	ERJ14YJ102	M 1KOHM, J,1/4W	1	
R6528	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6529	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6530-35	ERJ6GEYJ220	M 22 OHM,J,1/10W	6	
R6538	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6539	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542-47	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	6	
R6550	ERG1FJS332D	M 3.3KOHM, J, 1W	1	
R6551-53	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6554	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	1	
R6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
			+	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM, J, 1/10W	2	
R6562	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6563	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6565	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6566	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6567,68	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R6571-78	ERJ6GEYJ471	M 470 OHM,J,1/10W	8	
R6580	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6581	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R6582,83	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6584	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6585	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6588,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6590	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6595,96	ERJ6ENF5231	M5.23KOHM, 1/10W	2	
R6599,00	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6601	ERD25V0T	M OHM, 1/10W	1	
R6603	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6604	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	<del> </del>	3	
		M 220KOHM,J,1/10W		
R6608,09	ERJ12YJ1R0	M 1 OHM, J,1/2W	2	
R6610	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6611-14	ERJ6GEYJ100	M 10 OHM,J,1/10W	4	
R6615	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R6616	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R6617,18	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R6619,20	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6621	ERJ6ENF1543	M 154KOHM, 1/10W	1	
R6623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6629	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	
R6630-35	ERJ12Y0R00	M 0 OHM,J, 1/2W	6	
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641,42	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6643,44	ERJ12YJ220	M 22 OHM,J, 1/2W	2	
R6645,46	ERJ6GEYJ151	M 150 OHM,J,1/10W	2	
R6647,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6649-54	ERJ6GEYJ680		6	
		M 68 OHM, J, 1/10W	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6658	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R6659,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6661,62	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6663	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6664	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6665,66	ERJ6GEYJ680	M 68 OHM,J,1/10W	2	
R6667,68	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6669	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6670	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6671	ERG3FJS821D	M 820 OHM, J, 3W	1	
R6672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6673	ERG1SJ100P	M 10 OHM, J, 1W	1	
R6675	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R6676	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R6678,79	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6680,81	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	1

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6682-85	ERJ3GEYJ471	M 470 OHM,J,1/16W	4	
R6686-89	ERJ3GEYJ473	M 47KOHM,J,1/16W	4	
R6690,91	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6692,93	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6694,95	ERJ3GEYJ471	M 470 OHM,J,1/16W	2	
R6697,98	ERJ3GEYJ473	M 47KOHM,J,1/16W	2	
R6701	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6702	ERD25V0T	M OHM, 1/10W	1	
R6711-14	ERJ6GEYJ100	M 10 OHM,J,1/10W	4	
R6719,20	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6723	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6724	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6725	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6726	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6727,28	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6730-35	ERJ12Y0R00	M 0 OHM,J, 1/2W	6	DOGBTOTOAGGO
	ERJ12YJ1R0		4	
R6736-39	ERJ12YJ1RU ERJ6GEYJ5R6	M 1 OHM, J,1/2W M 5.6 OHM,J,1/10W	2	
R6741,42				
R6743,44	ERJ12YJ220	M 22 OHM, J, 1/2W	2	
R6747,48	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	D00D404 14000
R6759,60	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6761	ERJ12YJ470	M 47 OHM, J,1/2W	1	
R6762-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6765	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6766-68	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6769,70	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6771,72	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6773	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6774	EVMEASA00B53	CONTROL 5KOHMB 0.3W	1	
R6777,78	ERX3FJSR22D	M 2.2 OHM, J, 3W	2	
R6779,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6782,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R6784	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6785,86	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6787	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6788	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6789	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6801-03	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6804-06	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R6807-09	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R6810-12	ERJ3GEYJ473	M 47KOHM,J,1/16W	3	
R6818,19	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6820	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6821	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6824	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6825	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6826	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6827	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R7105	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
	+			<u> </u>
R7111-21	ERJ14YJ220	M 22 OHM, J,1/4W	11	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7130	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7132	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7136	ERJ14YJ220	M 22 OHM, J,1/4W	1	
R7142-59	TAJAAH0470JV	M 47 OHM,J,1/16W	18	D0GB470JA006
R7161	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7162-65	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7166-69	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7170-73	ERJ3GEYJ121	M 120 OHM,J,1/16W	4	
R7175-77	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7178	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7187	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7188	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7189	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7190	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7192	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R7205	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7211-18	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7219	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7221-24	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7226-30	TAJAAH0470JV	M 47 OHM,J,1/16W	5	D0GB470JA006
R7232	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R7233-40	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7241-64	TAJAAH0470JV	M 47 OHM,J,1/16W	24	D0GB470JA006
R7268,69	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R7278	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R7285-87	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R7289-92	ERJ3GEYJ181	M 180 OHM,J,1/16W	4	
R7293-96	ERJ3GEYJ121	M 120 OHM,J,1/16W	4	
R7297-00	ERJ3GEYJ220	M 22 OHM,J,1/16W	4	
R7301-04	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R7301-04 R7305	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R7305	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R7309,10		M 0 OHM, 1/10W	2	
R8001-16	ERJ6GEY0R00	CHIP INDUCTOR	_	I0 ICC000100
	TSK1032		16	J0JCC0000100
R8017-20	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	4	
R8021-24	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R8025-28	ERJ3GEYJ331	M 330 OHM,J,1/16W	4	
R8029,30	ERJ6ENF3301	M 3.3KOHM, 1/10W	2	
R8031,32	ERJ6ENF2201	M 2.2KOHM, 1/10W	2	
R8033,34	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R8035,36	ERJ3GEYF332	M 3.3KOHM, 1/16W	2	
R8037-40	ERJ6ENF4701	M 4.7KOHM, 1/10W	4	
R8041,42	ERJ3GEYJ183	M 18KOHM,J,1/16W	2	
R8043,44	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R8045,46	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R8047	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8048-51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	4	
R8054-59	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	D0GB101JA002
R8060,61	ERJ3GEYF332	M 3.3KOHM, 1/16W	2	
R8062	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R8065-70	ERJ3GEYJ101	M 100 OHM,J,1/16W	6	D0GB101JA002
R8077-82	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	6	
R8083-85	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R8087	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8089	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8091	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R8093,94	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R8095,96	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R8097-00	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R8101,02	TSK1032	CHIP INDUCTOR	2	J0JCC0000100
R9001	EXB38V470J	RESISTOR ARRAY	1	
R9002,03	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9004	EXB38V470J	RESISTOR ARRAY	1	
R9005	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9006	EXB38V470J	RESISTOR ARRAY	1	
R9007-09	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9010	EXB38V470J	RESISTOR ARRAY	1	
R9011	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9012	EXB38V470J	RESISTOR ARRAY	1	200210101000
R9014	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9015,16	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	
R9017	EXB38V470J	RESISTOR ARRAY	1	
R9018-20	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
			3	
R9022-24	ERJ3GEYJ750	M 75 OHM,J,1/16W	1	
R9025	ERJ3GEYJ103	M 10KOHM,J,1/16W	-	
R9026	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9027	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9028	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9029	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9030	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9031	EXB38V470J	RESISTOR ARRAY	1	
R9032,33	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9034	EXB38V470J	RESISTOR ARRAY	1	
R9035	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9036	EXB38V470J	RESISTOR ARRAY	1	
R9037-39	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9040	EXB38V470J	RESISTOR ARRAY	1	
R9042	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9043	EXB38V470J	RESISTOR ARRAY	1	
R9044	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9045	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9046	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9047	EXB38V470J	RESISTOR ARRAY	1	
R9050-53	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9054-56	ERJ3GEYJ750	M 75 OHM,J,1/16W	3	
R9057	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9058	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9059	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9060	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9061	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9062	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9104-07	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9108-10	ERJ6GEY0R00	M 0 OHM, 1/10W	3	
R9111-13	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9114,15	ERJ6GEY0R00	M 0 OHM, 1/10W	2	
R9117-20	ERJ6GEY0R00	M 0 OHM, 1/10W	4	
R9122	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9130-35	TAJAAH0101JV	M 100 OHM,J,1/16W	6	D0GB101JA006

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9151-55	EXB2HVR000	RESISTOR ARRAY	5	
R9157	EXB2HVR000	RESISTOR ARRAY	1	
R9167,68	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9171,72	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9176	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9177	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9178,79	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9180	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9182	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9183	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9187	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9190	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9199	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9200	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9202	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9203-05	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9206-08	ERJ3GEYJ100	M 10 OHM,J,1/16W	3	
R9216	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9218	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9219	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
R9220,21	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9224	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9226	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9228	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9229,30	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9231	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9232	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9234	ERJ3GEYJ103		1	
R9236	ERJ3GEYJ103	M 10KOHM,J,1/16W M 10KOHM,J,1/16W	1	
R9240	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	
			2	
R9244,45	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9302	ERJ3GEY0R00	M 0 OHM, 1/16W	_	
R9303	EXB38V103J	RESISTOR ARRAY	1	
R9306	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9308	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9310	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9311	ERJ3GEYJ103	M 10KOHM, J,1/16W	1	
R9315	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9322	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9330	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	D00D47014000
R9333	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9335	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9336	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9337	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9339	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9349	EXB38V470J	RESISTOR ARRAY	1	
R9352	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9353	EXB38V470J	RESISTOR ARRAY	1	
R9355,56	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9357	EXB38V470J	RESISTOR ARRAY	1	
R9362	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9365	EXB38V470J	RESISTOR ARRAY	1	
R9367	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9368	EXB38V470J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9371	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9373	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9376	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9380	EXB38V151J	RESISTOR ARRAY	1	
R9411	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9413	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9414,15	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9417	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9420	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9449	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9455	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9459	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9460-62	ERJ3GEYJ100	M 10 OHM,J,1/16W	3	
R9465,66	EXB2HVR000	RESISTOR ARRAY	2	
R9468	EXB2HVR000	RESISTOR ARRAY	1	
	ERJ3GEY0R00	+	1	
R9469	ERJ3GEYJ102	M 0 OHM, 1/16W M 1KOHM,J,1/16W	1	
R9475				
R9477,78	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	DOCEMENT LANCE
R9479	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9480,81	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9483	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9484,85	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9486,87	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R9488,89	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9490,91	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9501	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9503	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9513-15	ERJ3GEYJ100	M 10 OHM,J,1/16W	3	
R9525,26	EXB38V470J	RESISTOR ARRAY	2	
R9530	EXB38V470J	RESISTOR ARRAY	1	
R9532	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9535	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9537	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9538	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9540	EXB38V470J	RESISTOR ARRAY	1	
R9541	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9547	TAJAAH0470JV	M 47 OHM,J,1/16W	1	D0GB470JA006
R9548	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9551	EXB38V470J	RESISTOR ARRAY	1	
R9553	EXB38V680J	RESISTOR ARRAY	1	
R9558	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9559	EXB38V470J	RESISTOR ARRAY	1	
R9560	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9562	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9577	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9585,86	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9592	ERJ3GEYJ104	M 100 OHM,J,1/16W	1	230210107000
R9593	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
				D0GR101 IA006
R9594	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9595	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R9596	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	DOCDAGA LAGGO
R9597 R9600-05	TAJAAH0101JV ERJ3GEY0R00	M 100 OHM,J,1/16W M 0 OHM, 1/16W	6	D0GB101JA006

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9618	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9620,21	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9622,23	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9624	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9625	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R9627-29	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9631-35	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9638	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9640,41	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9642	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9643	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9645	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9646	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9647	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9648	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9650-53	EXB38V103J	RESISTOR ARRAY	4	
R9654-56	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9658	ERJ3GEYJ103	M 10KOHM, J,1/16W	1	
R9659-61	ERJ3GEYJ472		3	
R9662	ERJ3GEYJ103	M 4.7KOHM,J,1/16W	1	
	ERJ3GEYJ103	M 10KOHM,J,1/16W	7	
R9663-69 R9670-77	ERJ3GEYJ472 ERJ3GEY0R00	M 4.7KOHM,J,1/16W M 0 OHM, 1/16W	8	
R9679	ERJ3GEY0R00	-	1	
	+	M 0 OHM, 1/16W	_	
R9682-90	ERJ3GEY0R00	M 0 OHM, 1/16W	9	
R9692	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9693	EXB38V103J	RESISTOR ARRAY	1	
R9694-99	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
R9701	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9702	TAJAAH0680JV	M 68 OHM,J,1/16W	1	D0GB680JA006
R9703-08	TAJAAH0101JV	M 100 OHM,J,1/16W	6	D0GB101JA006
R9709	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9710-16	ERJ3GEYJ151	M 150 OHM,J,1/16W	7	
R9717,18	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9719-24	ERJ3GEYJ151	M 150 OHM,J,1/16W	6	
R9725	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9726	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9727	EXB38VR000	RESISTOR ARRAY	1	
R9728	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9729-32	TAJAAH0101JV	M 100 OHM,J,1/16W	4	D0GB101JA006
R9733	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9734	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9735	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9736	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9737	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9738,39	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9741	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9743-45	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9747	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9748	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9749	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9750	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9751	EXB38V103J	RESISTOR ARRAY	1	
R9752,53	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9754	EXB38V272J	RESISTOR ARRAY	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9755,56	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9757	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9758	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9759	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9760	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9761	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9762	EXB38V103J	RESISTOR ARRAY	1	
R9763	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9765	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9766	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9767	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9768	EXB38V470J	RESISTOR ARRAY	1	
R9769	EXB38VR000	RESISTOR ARRAY	1	
R9770	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9771	EXB38VR000	RESISTOR ARRAY	1	
R9773	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9774,75	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9776	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9777	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9779	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9781	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9782	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9783,84	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R9785,86	EXB38VR000	RESISTOR ARRAY	2	
R9787	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9788	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9789	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9790	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9791	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9794	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R9795	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9798,99	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9800	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9803,04	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9805	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9806	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9807,08	EXB38V103J	RESISTOR ARRAY	2	
R9810,11	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9814	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9816	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9817	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9818	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9819	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9820	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9823,24	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9825	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9826	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9827	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	SUSSIVIVA
R9829	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9831-33	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
			_	
R9834,35	ERJ3GEYJ560	M 56 OHM, J, 1/16W	2	D0GR404 14006
R9836	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9837	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9839,40	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9841,42	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R9843,44	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9846,47	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9848	EXB38V103J	RESISTOR ARRAY	1	
R9849,50	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9851	ERJ3GEYJ223	M 22KOHM,J,1/16W	1	
R9852,53	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9854	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9855	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9856	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9857	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9858	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9859	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9860	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9861	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9864	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9867	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9868	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9869	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9871	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9872	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9873	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9874,75	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
R9876	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9878-80	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
R9882,83	TAJAAH0101JV	M 100 OHM,J,1/16W	2	D0GB101JA006
	EXB38V103J	RESISTOR ARRAY	1	
R9886	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9887	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9889	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9890	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9893-96	TAJAAH0101JV	M 100 OHM,J,1/16W	4	D0GB101JA006
R9897	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9898	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9900	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9901	ERJ3GEY0R00	M 0 OHM, 1/16W	1	111111111111111111111111111111111111111
R9903-05	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9906	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9907	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	111111111111111111111111111111111111111
R9908	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9909	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9910	TAJAAH0101JV	M 100 OHM,J,1/16W	1	D0GB101JA006
R9913	ERJ6ENF2202	M 2.2KOHM, 1/10W	1	20021010/4000
R9914	ERJ3GEYJ102	M 1KOHM, J,1/16W	1	
R9914	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9917	ERJ3GEYJ103	M 10KOHM, J,1/16W	1	
			_	
R9918	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9919	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9920	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	DOCDANA LAGOO
R9921-23	TAJAAH0101JV	M 100 OHM,J,1/16W	3	D0GB101JA006
			_	
R9924 R9925	ERJ3GEYJ223 ERJ3GEY0R00	M 22KOHM,J,1/16W M 0 OHM, 1/16W	1 1	

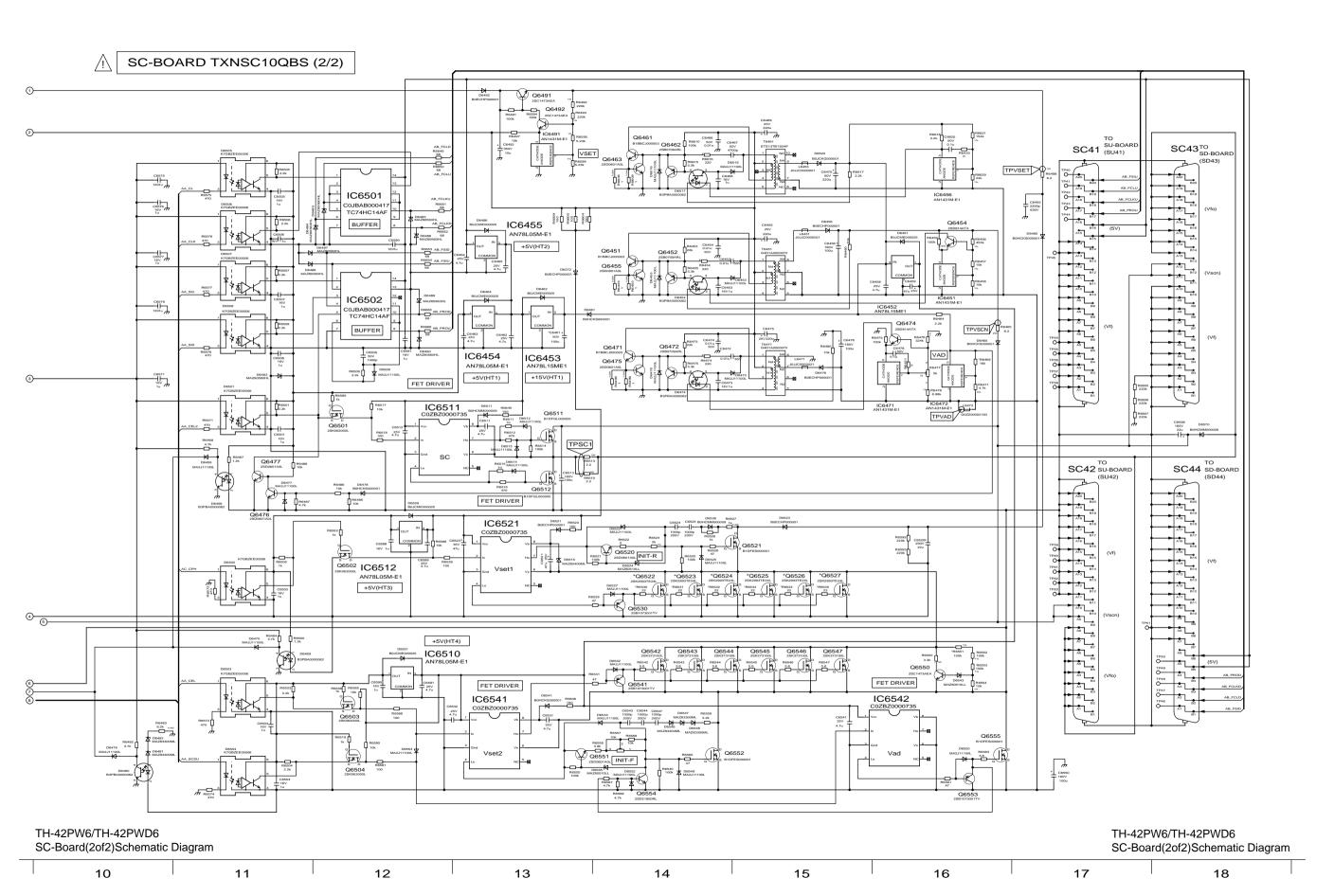
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9930	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9931	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9932	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9933	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9934	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9935,36	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9937	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9938	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9939	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9940	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9941	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R9942	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9943,44	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9945,46	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9947	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9948,49	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9951,52	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9954-57	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9959,60	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9961	ERJ6ENF1621	M1.62KOHM, 1/10W	1	
R9962	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R9964	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9965	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9966	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9969	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9970	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9971	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9972	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9975	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9991	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9993,94	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9996	ERJ6GEY0R00	M 0 OHM, 1/10W	1	
R9998	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
RL401	K6B2ADA00007	REALY	1	Δ
RL402,03	TSEH0024	RELAY (5V)	2	K6B1ADA00009 🛆
RL901	K6B2ADA00007	REALY	1	Δ
			-	
DMOO4	DNA4604M0ETV	DEMOCO DECEIVED	4	
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
DTI	TNDA2002	CIRCUIT BOARD H2	1	Δ.
RTL	TNPA3003	CIRCUIT BOARD H3	1	Δ
RTL	TNPA2826	CIRCUIT BOARD J	1	<u> </u>
RTL	TXNHX10QBS	CIRCUIT BOARD HX	1	Δ
RTL	TXNHY10QBS	CIRCUIT BOARD HY	1	<u> </u>
RTL	TNPA2815	CIRCUIT BOARD Z	1	Δ
RTL	TXNPF10QBS	CIRCUIT BOARD PF	1	Δ
RTL	TNPA2872	CIRCUIT BOARD SS2	1	<u>A</u>
RTL	TNPA2873	CIRCUIT BOARD SS3	1	<u>A</u>
RTL	TNPA2957	CIRCUIT BOARD SU	1	Δ
RTL	TNPA2958	CIRCUIT BOARD SD	1	<u> A</u>

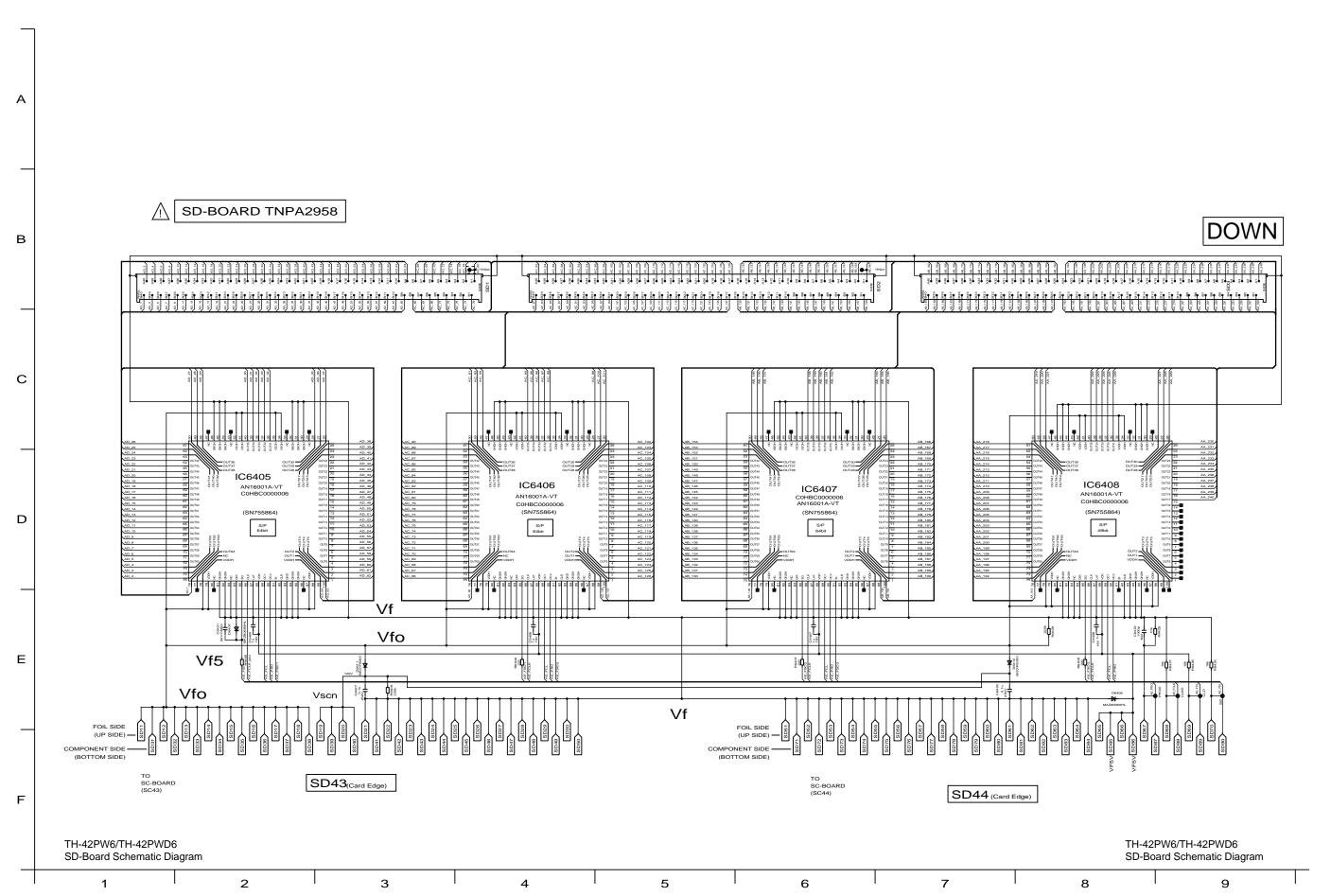
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Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
RTL	TNPA2869	CIRCUIT BOARD C1	1	$ \Delta$
RTL	TNPA2870	CIRCUIT BOARD C2	1	Δ
RTL	TNPA2825	CIRCUIT BOARD D	1	Δ
RTL	TNPA2841	CIRCUIT BOARD P	1	Δ
RTL	TXNSC10QBS	CIRCUIT BOARD SC	1	<u> </u>
RTL	TXNSS10QBS	CIRCUIT BOARD SS	1	Δ
RTL	TNPA2868	CIRCUIT BOARD S1	1	<u> </u>
RTL	TXNV110QBS	CIRCUIT BOARD V1	1	⚠
S061	TSE4GD0001	POWER SWITCH	1	K0F162B00002
S1550-54	EVQPBD05R	SWITCH	5	100 10220002
31000 04	LVQI BBOOK	Omnon.	"	
SC2	K1KA06A00180	6P CONNECTOR	1	
SC20	K1KA20A00180	20P CONNECTOR	1	
SC23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC41-44	K1KB40B00015	40P CONNECTOR	4	
SD1-D3	K1MN80B00004	80P CONNECTOR	3	
SS11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
SS12	K1KA05A00139	5P CONNECTOR	1	
SS23	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS40	K1KB07A00037	7P CONNECTOR	1	
SS41-46	TJSF41013	13P CONNECTOR	6	K1MN13B00020
SS47	K1KB07A00037	7P CONNECTOR	1	
SS48,49	K1KA07A00170	7P CONNECTOR	2	
SU1-U3	K1MN80B00004	80P CONNECTOR	3	
	111111110111111111111111111111111111111			
T401	ETS25AD1H6AG	SWITCHING TRANS	1	Δ
T501	ETS49BP116AD	SWITCHING TRANS	1	<u> </u>
T502	ETS42BV116AD	SWITCHING TRANS	1	Δ
T901	ETS28AZ1E6AD	SWITCHING TRANS	1	<u>A</u>
				127
T6451	G4D1A0000072	SWITCHING TRANS	1	
T6461	ETS13TB139AP	SWITCHING TRANS	1	
T6471	G4D1A0000072	SWITCHING TRANS	1	
TPP1	ERD25V0R00	C 0 OHM, 1/4W	1	
V34	K1KA08B00005	8P CONNECTOR	1	
¥ J#	KIKAUGGUUUG	OF CONNECTOR	'	
X3101	H0J202500002	CRYSTAL	1	
X9302	TSS9038-B	CRYSTAL	1	H0J200500016
X9350	H0J327200038	CRYSTAL	1	
X9701	TSSA081	CRYSTAL	1	H0J245500024
X9702	H0J921400003	CRYSTAL	1	
X9703	TSS9038-B	CRYSTAL	1	H0J200500016
Z5	K1KA11A00048	11P CONNECTOR	1	

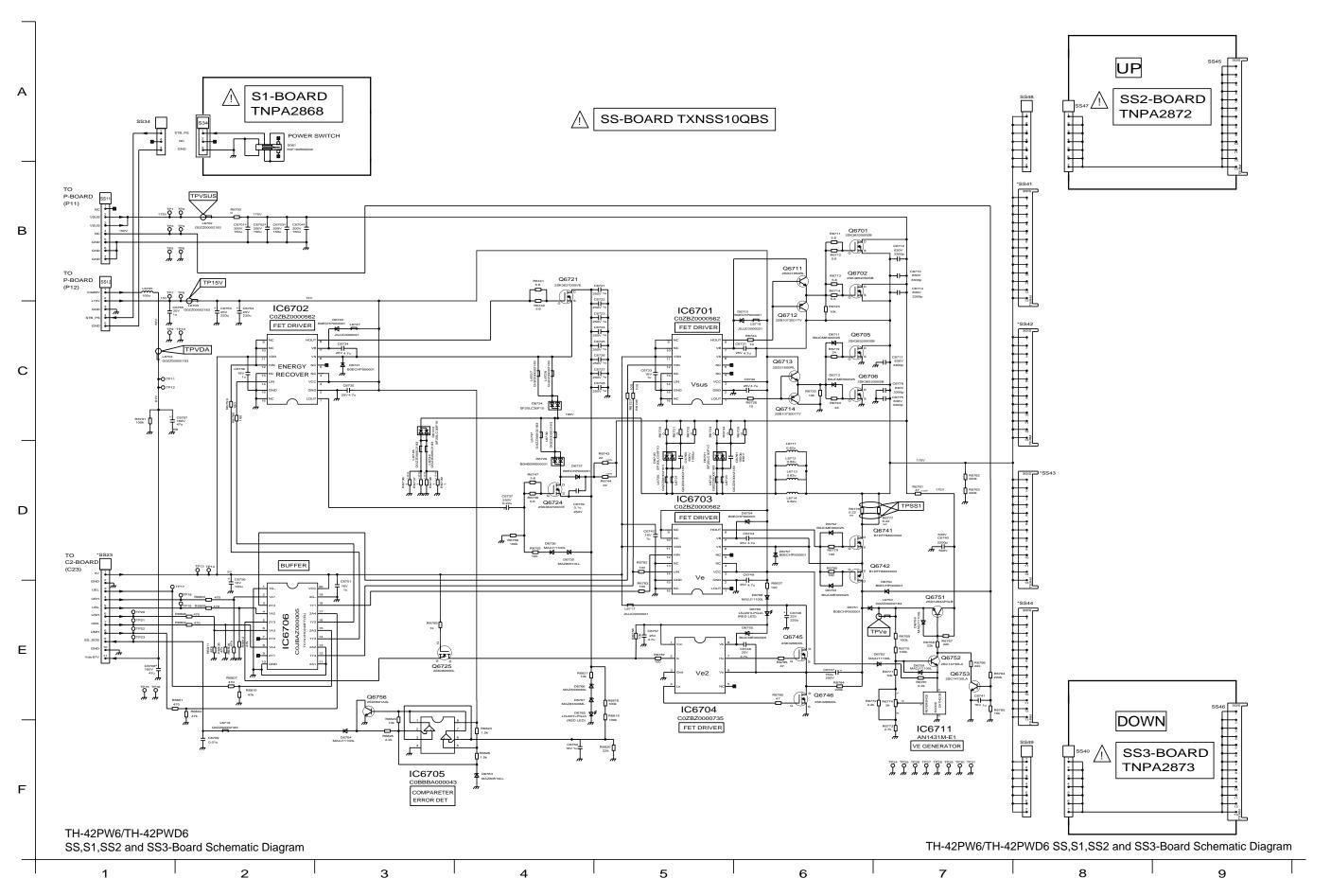
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Z6	TJS3A9650	4P CONNECTOR	1	K1KA04A00194
<b>Z</b> 7	K1KA03A00172	3P CONNECTOR	1	
Z8	K1KA20A00180	20P CONNECTOR	1	
ZA001	K4ZZ01000121	EARTH LUG	1	
ZA002	K4ZZ01000121	EARTH LUG	1	
ZA003	K4ZZ01000121	EARTH LUG	1	
ZA008	K4ZZ01000121	EARTH LUG	1	

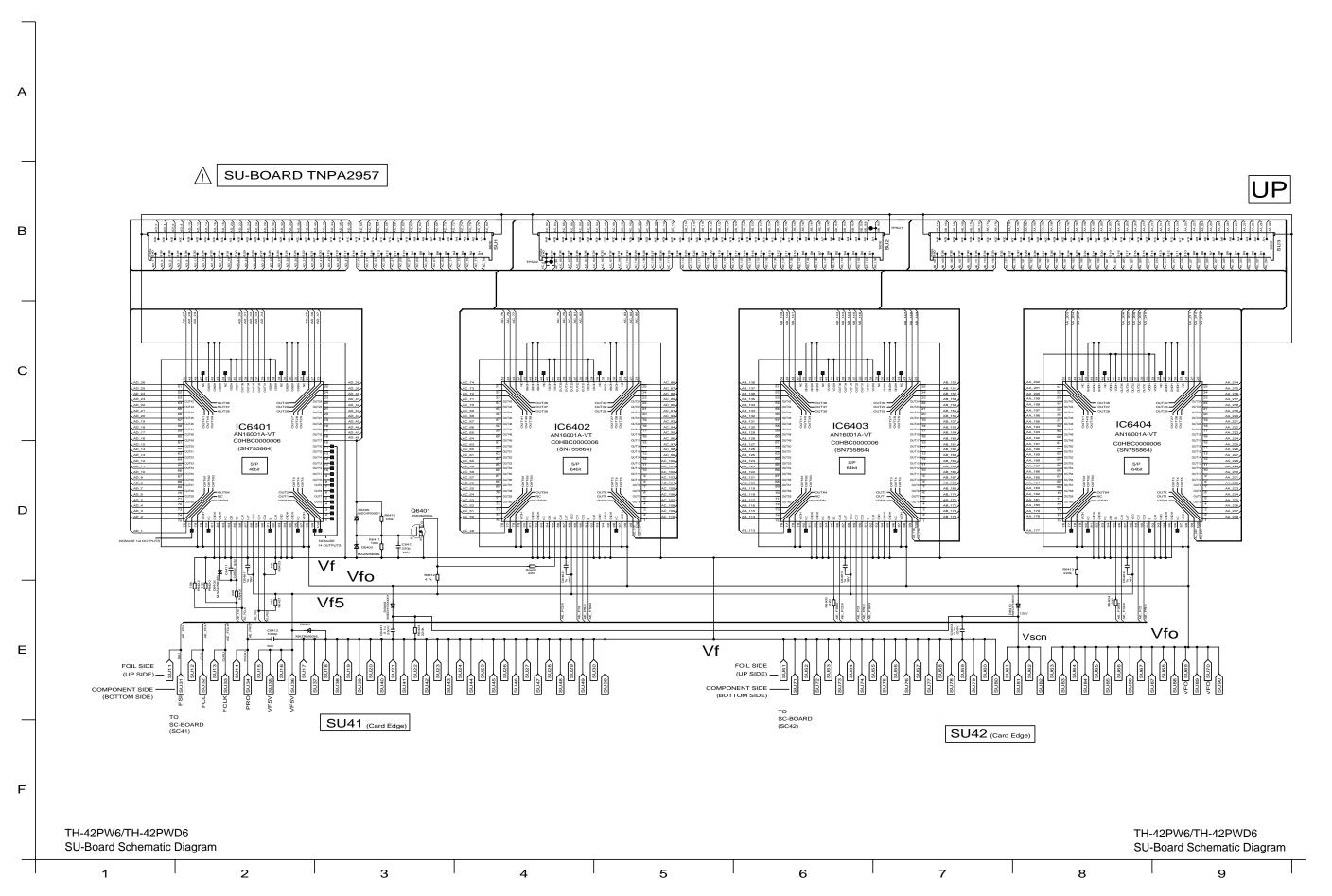
# 18. Schematic Diagram for printing with A4

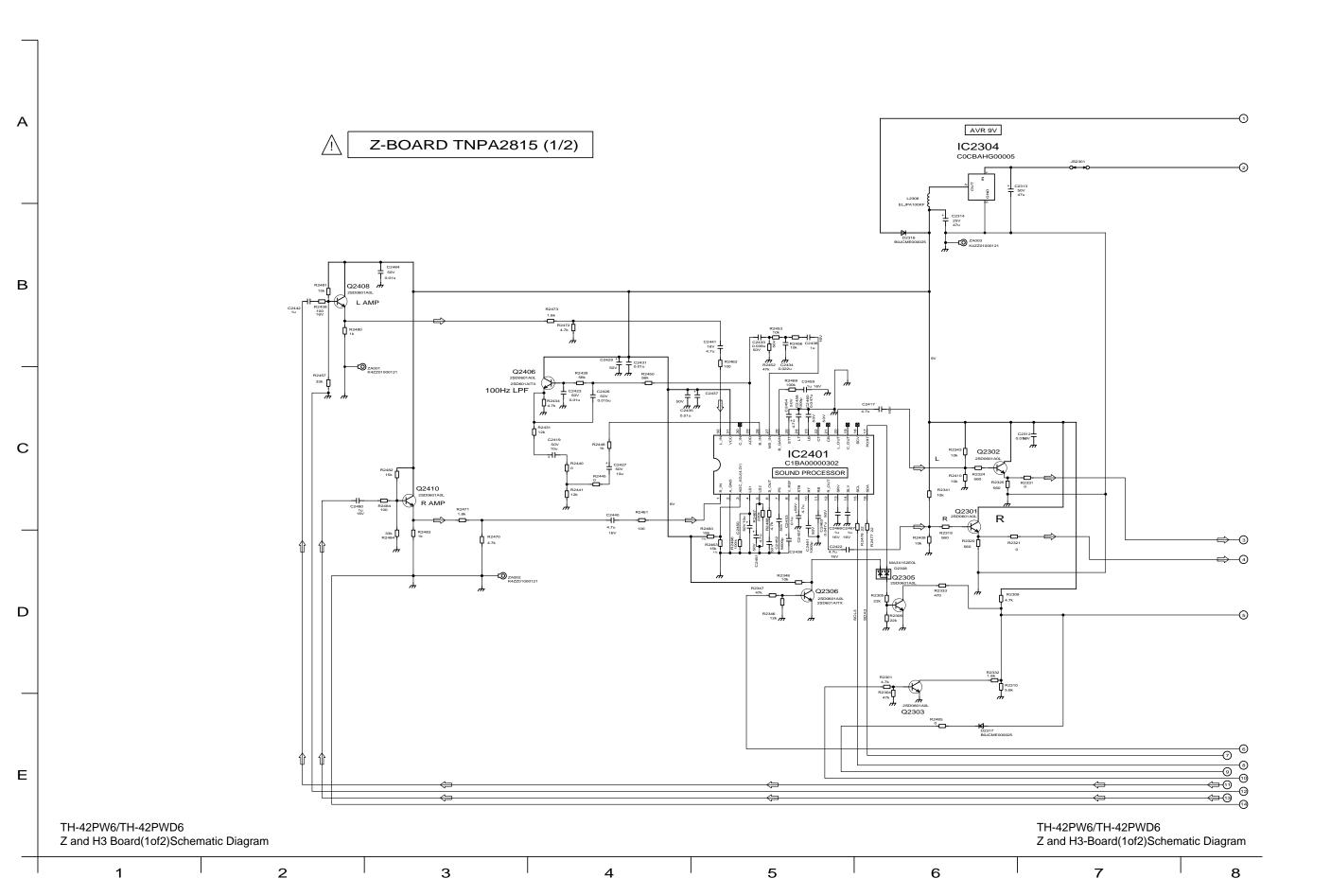
## 19. Cover for printing with A4

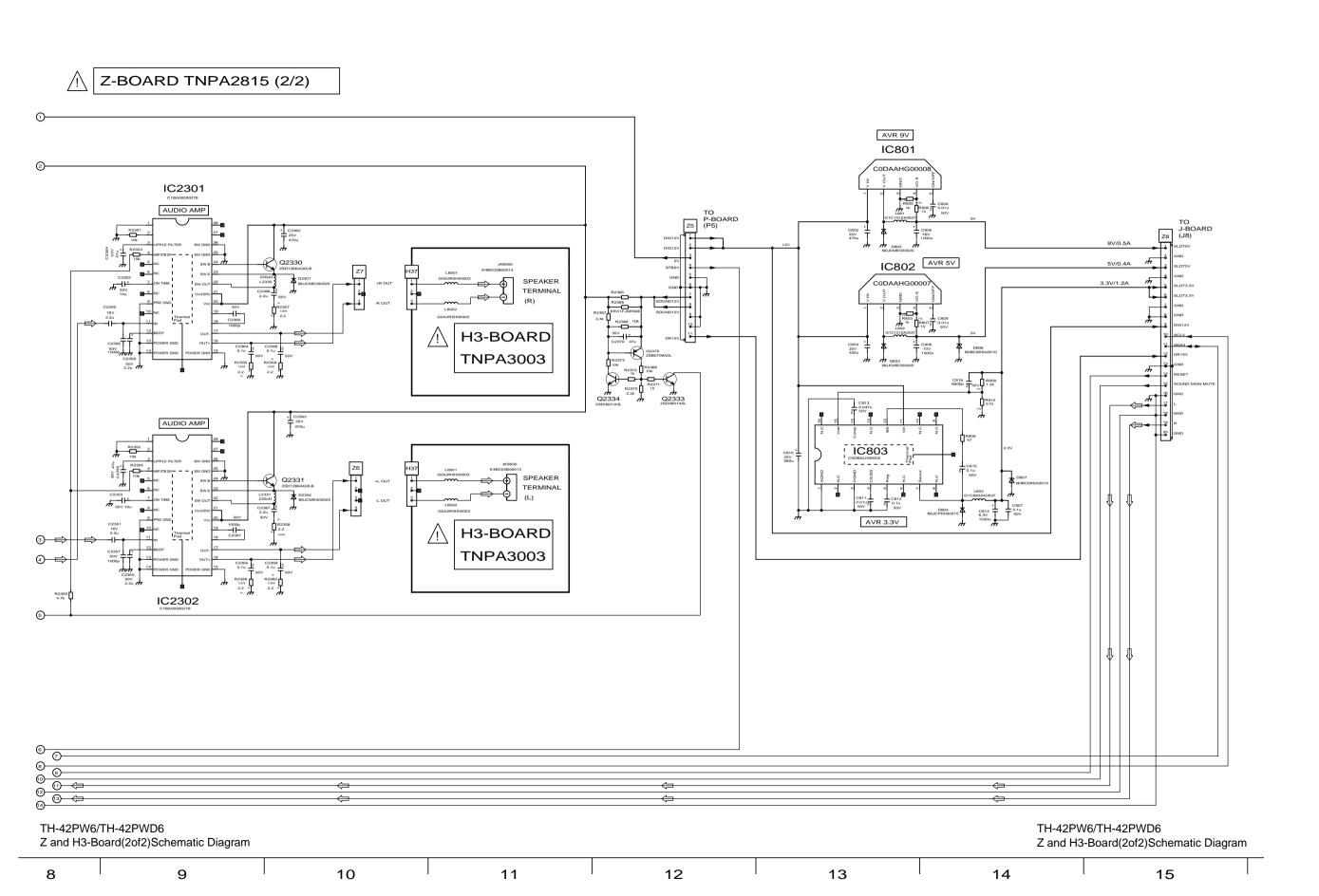












## 14 Block and Schematic Diagrams

## 14.1. Schematic Diagram Notes

	Components identified by $\Delta$ mark have spe When replacing any of these components, u		
Note	201		
	es: Resistor		
١.	All resistors are cabon 1/4W resistor, unless	marked as	follows:
	Unit of resistance is OHM [ ] (K=1,000, M=1		ioliows.
		,000,000). 	: Metal Oxide
	<u> </u>	⊠ ⊚	: Metal Film
	∴ Solid : Wire Wound	_	: Fuse:
2	Capacitor	$\otimes$	. i use.
۷.	All capacitors are ceramic 50V capacitor, unle	es marked	l as follows:
	Unit of capacitance is F, unless otherwise n		as follows.
		-†a¦-	: Electrolytic
	Polyester	NP H	: Bipolar
		(T)	: Dipped Tantalum
		(Z)	: Z-Type
3.	Coil		. = . , p =
٠.	Unit of inductance is F, unless otherwise no	ted.	
4.			
	? : Test Point position		
5.	Earth Symbol		
	<del>////////////////////////////////////</del>		: Line Earth (Hot)
6.	Voltage Measurement	$\Diamond$	( ),
	Voltage is measured by a DC voltmeter.		
	Conditions of the measurement are the follow	ving:	
	Power Source		AC 120V, 50/60Hz
			(UY VERSION model)/
			AC220-240V, 50/60Hz
			(Except UY VERSION)
	Receiving Signal		Colour Bar signal (RF)
	All customer's controls		Maximum positions
7.	Number in red circle indicates waveform nem	ber.	
	(See waveform pattern table.)		
8.	When arrow mark ( 🗡 ) is found, connection i	s easily fou	and from the direction of arrow
9.	Indicates the major signal flow. : Video	→	Audio ⇒
	This schematic diagram is the latest at the tin notice.		

**Important Safety Notice** 

TH-42PW6/TH-42PWD6 Schematic Diagram Notes

#### Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.

All circuits, except the Power Circuit, are cold.

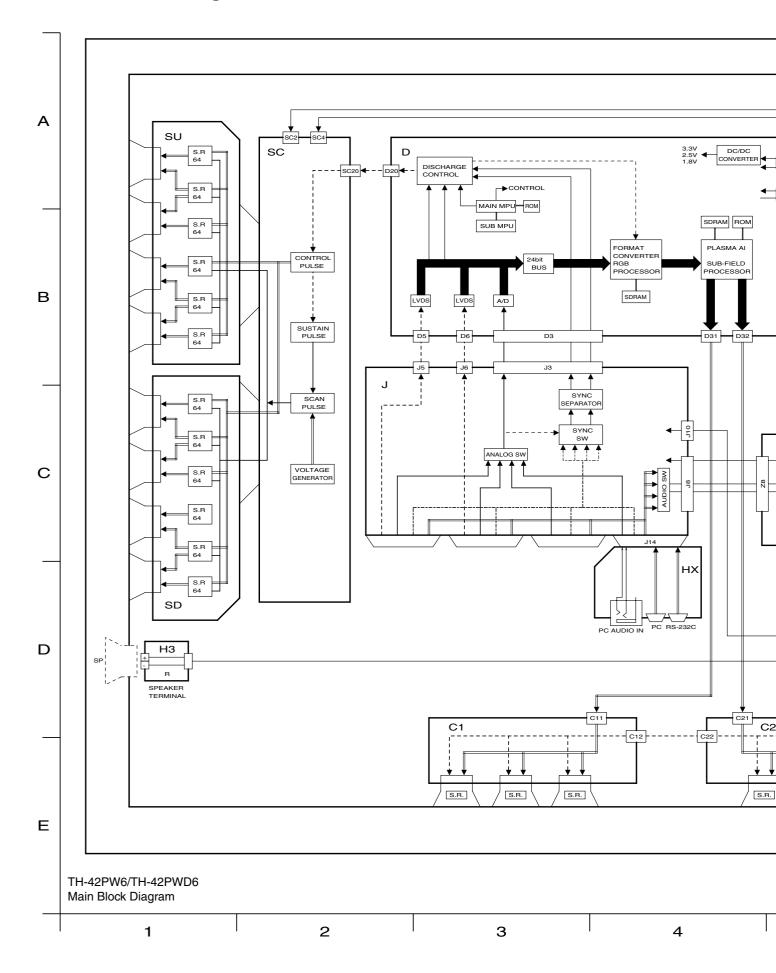
Precautions

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being
- d. Make sure to disconnect the power plug before removing the chassis.
- 2. Following diodes are interchangeable.

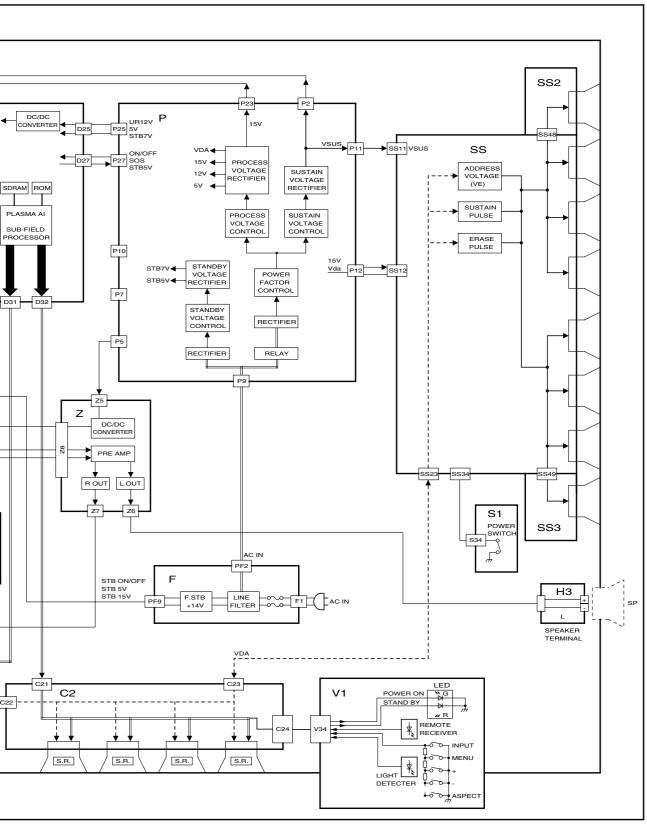
MA150- MA162 (Replacement part)

#### ----

#### 14.2. Main Block Diagram

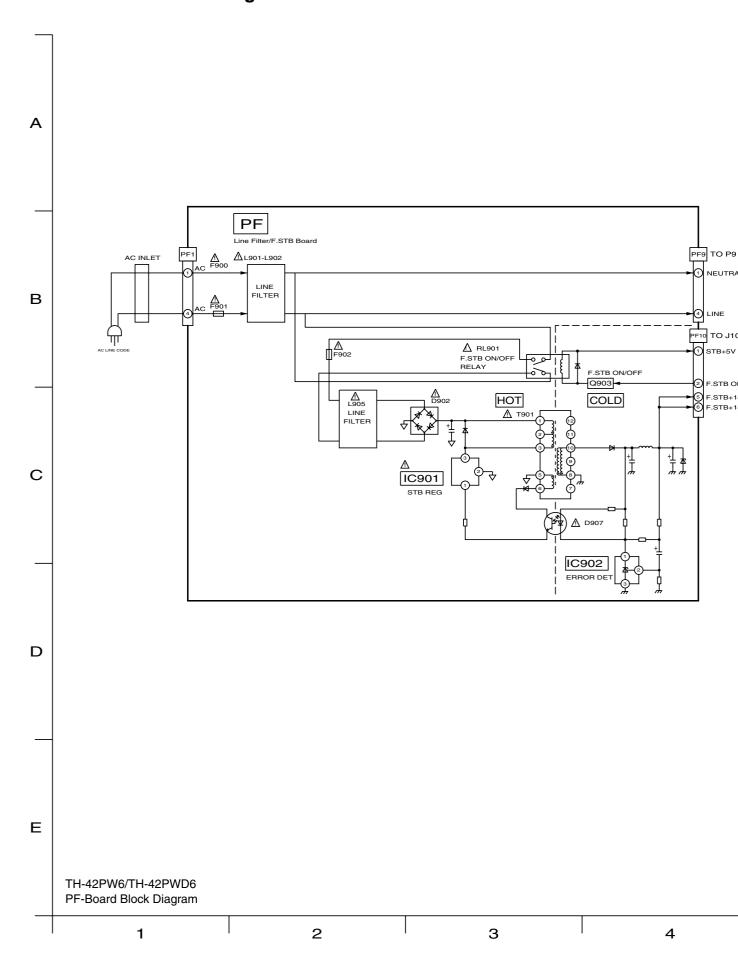




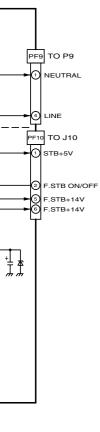




#### 14.3. PF-Board Block Diagram





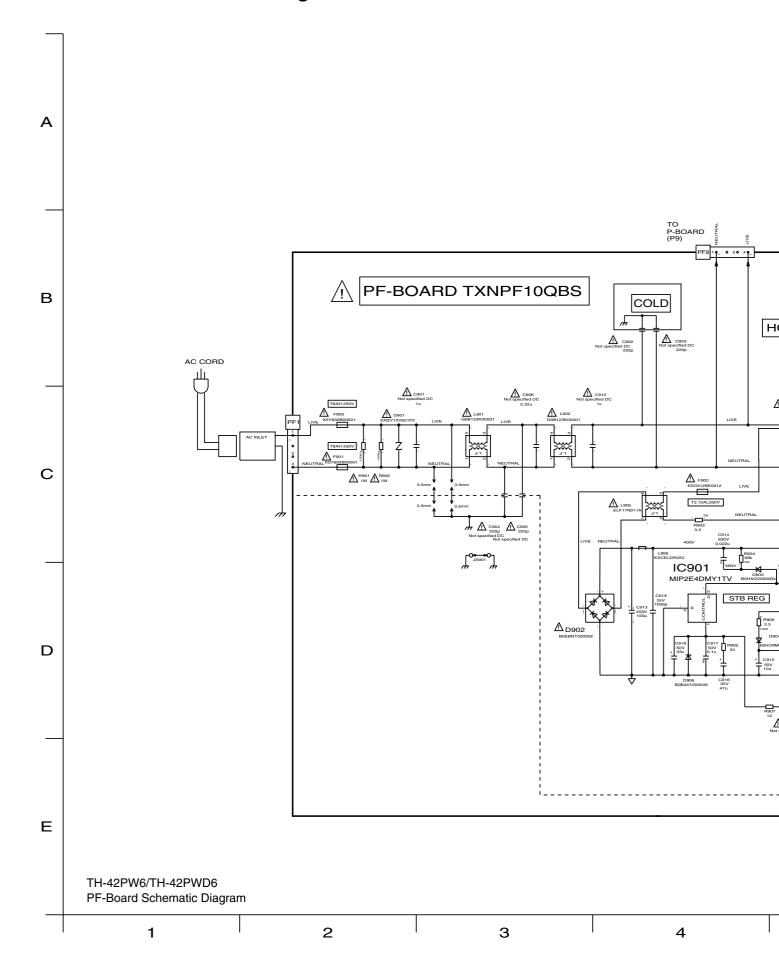


TH-42PW6/TH-42PWD6 PF-Board Block Diagram

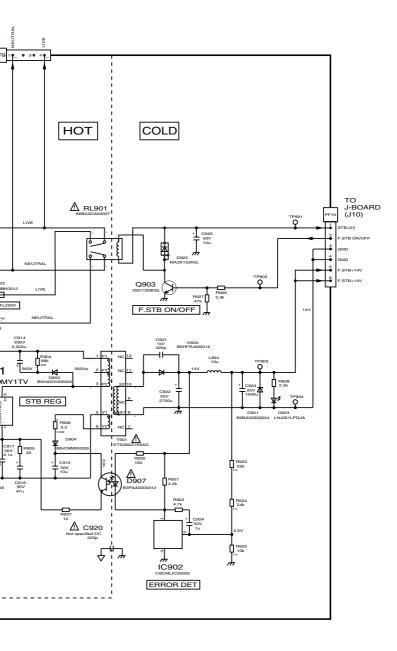
4 5 6 7 8

#### ---

## 14.4. PF-Board Schematic Diagram



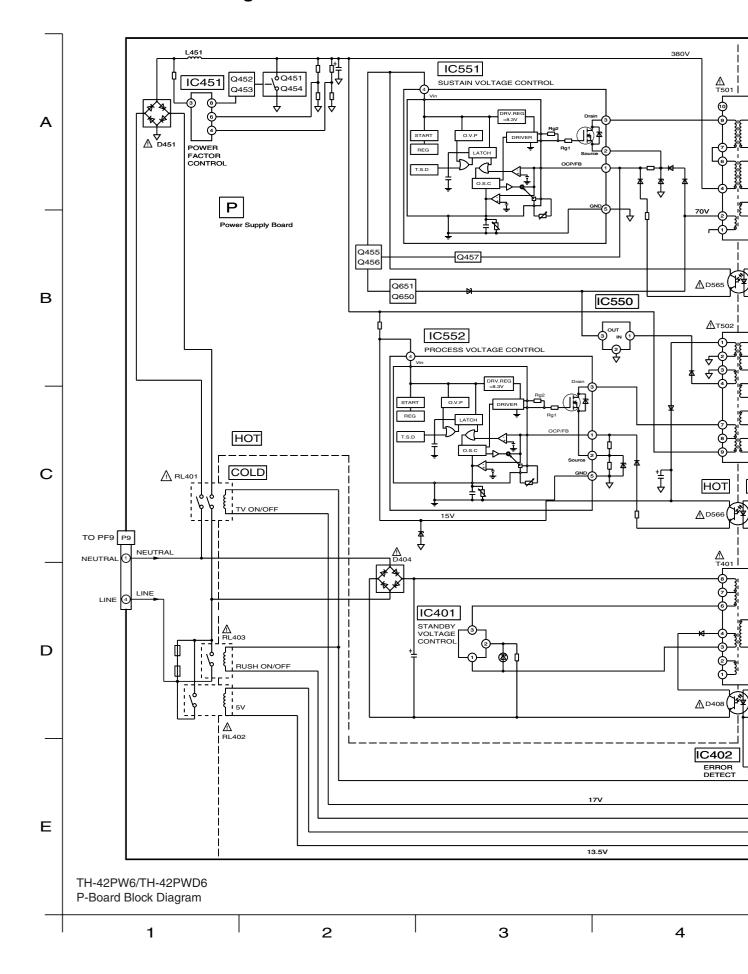




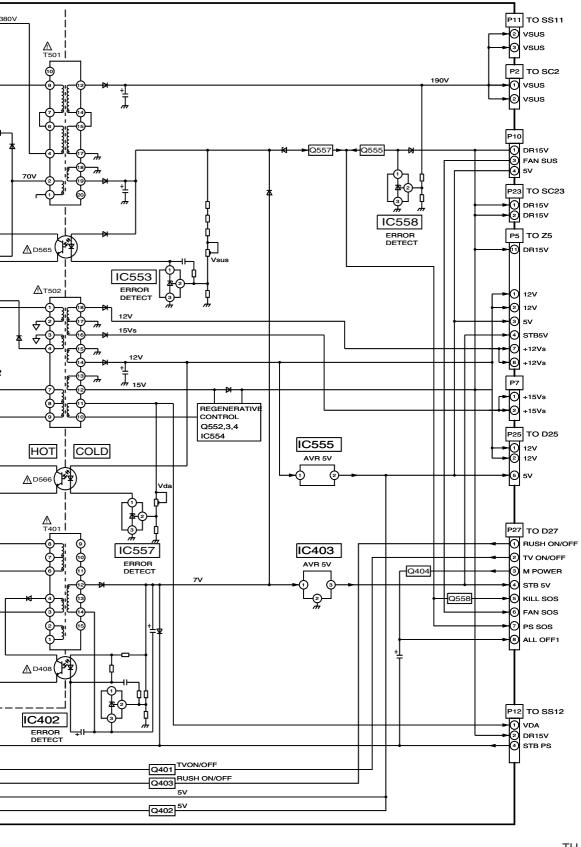
TH-42PW6/TH-42PWD6 PF-Board Schematic Diagram

5 6 7 8

## 14.5. P-Board Block Diagram







6

TH-42PW6/TH-42PWD6 P-Board Block Diagram

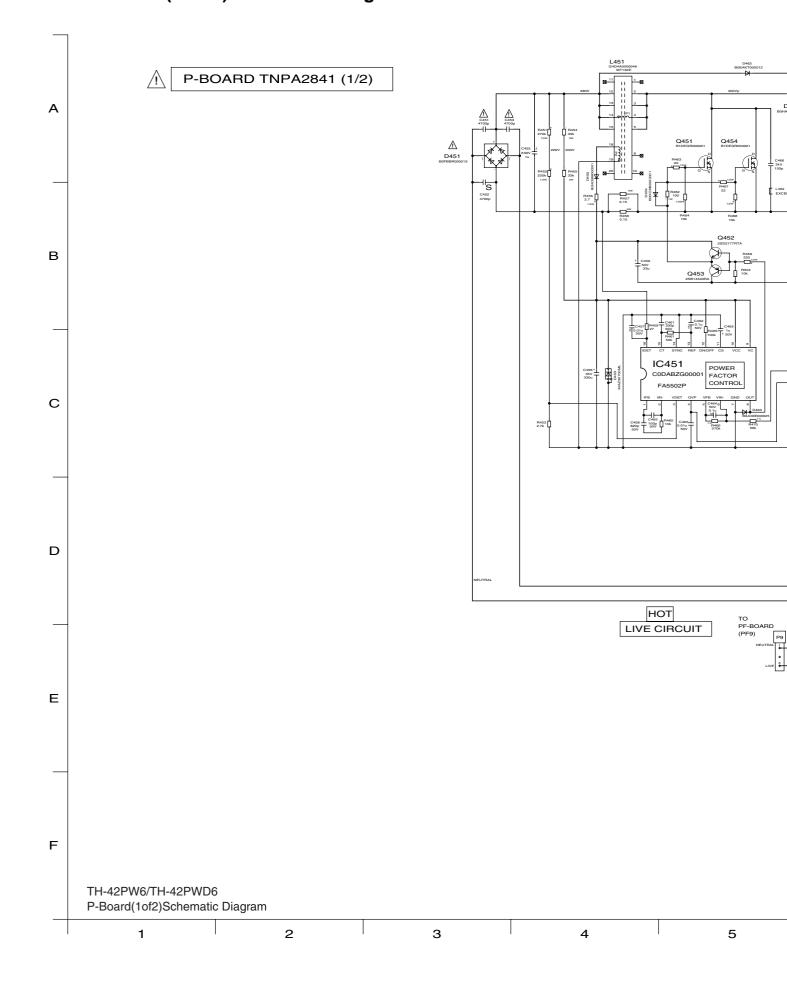
\_\_\_57

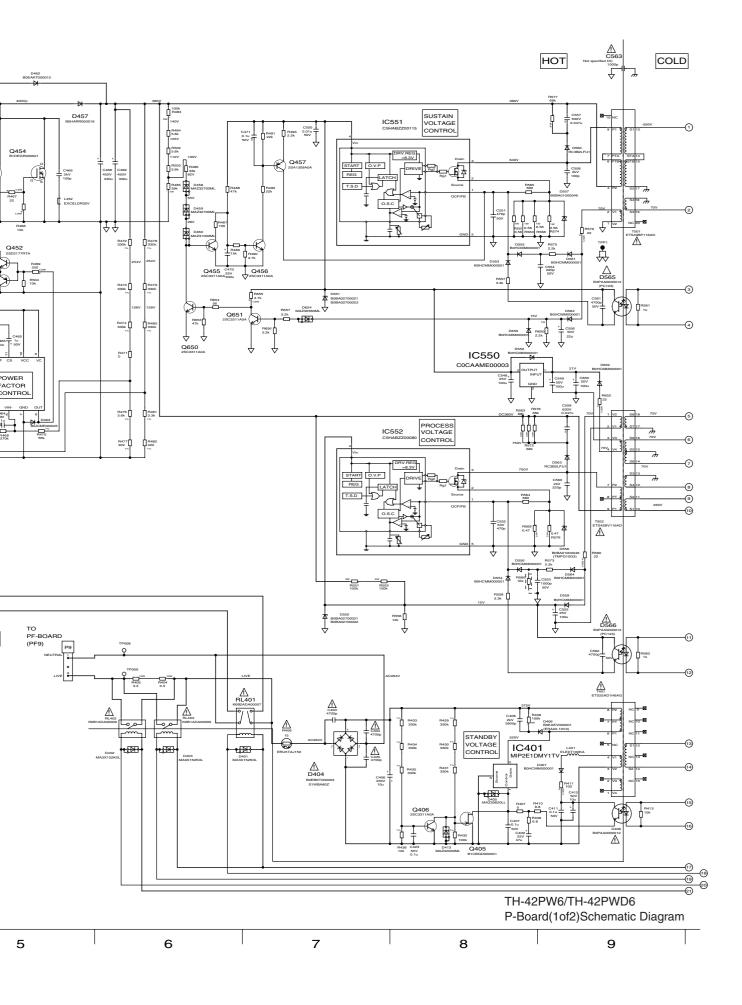
5

4

#### ---

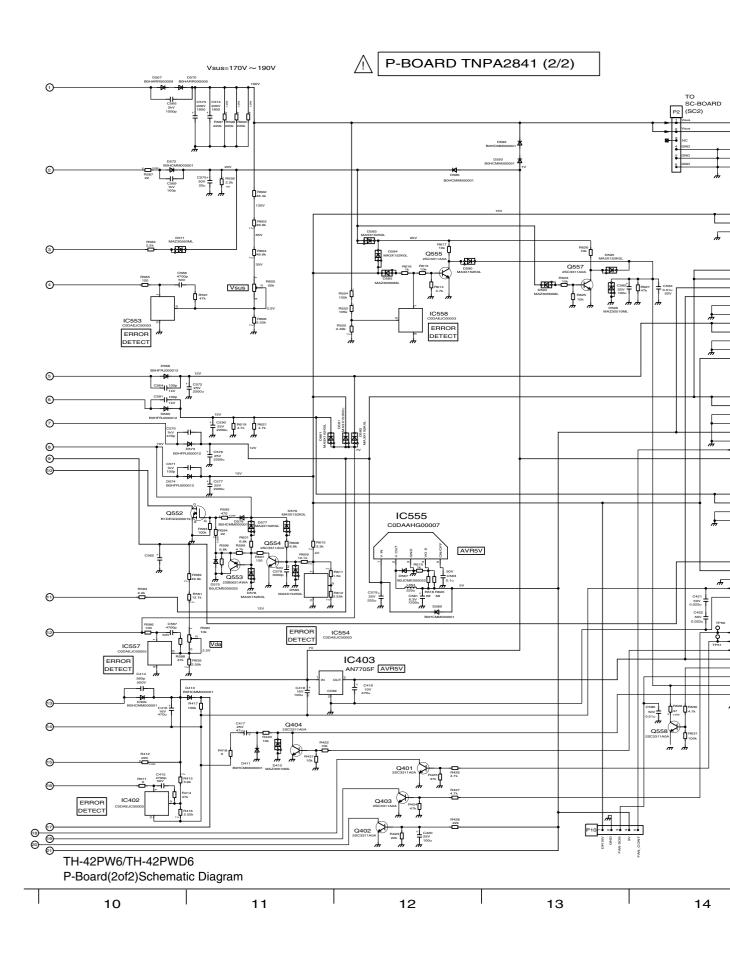
## 14.6. P-Board (1 of 2) Schematic Diagram



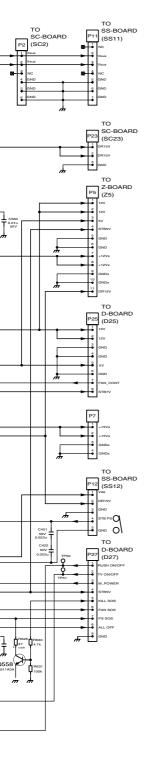


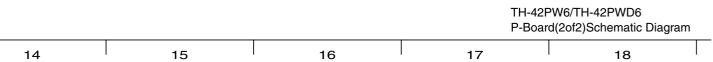
#### ---

## 14.7. P-Board (2 of 2) Schematic Diagram

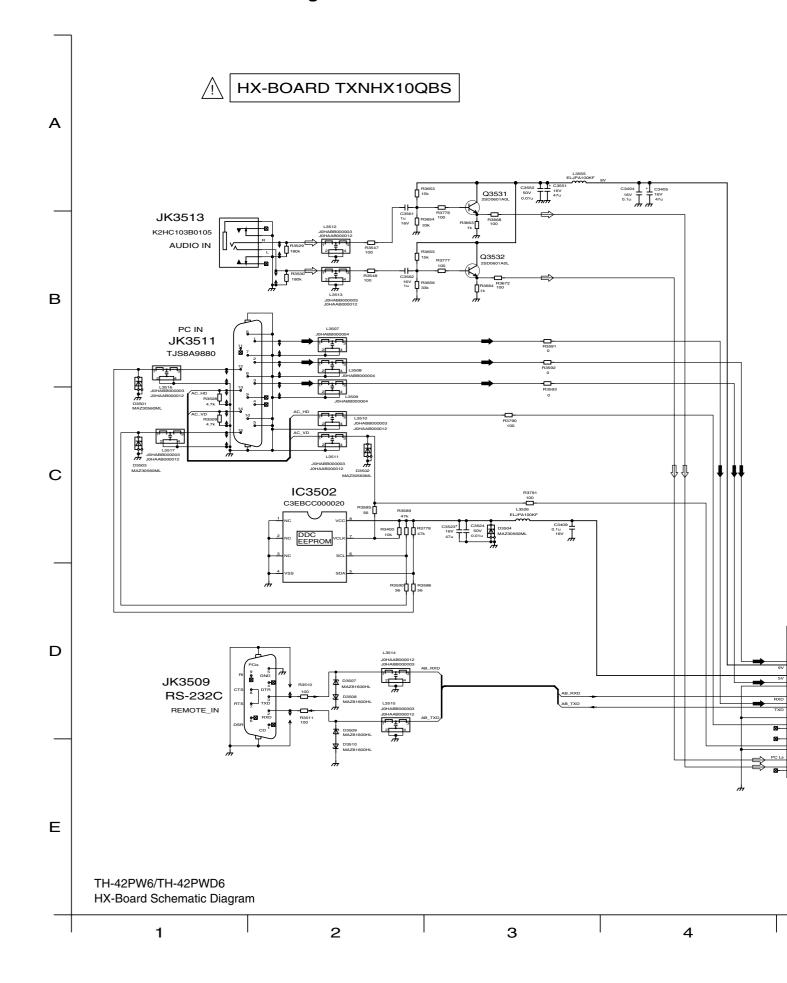






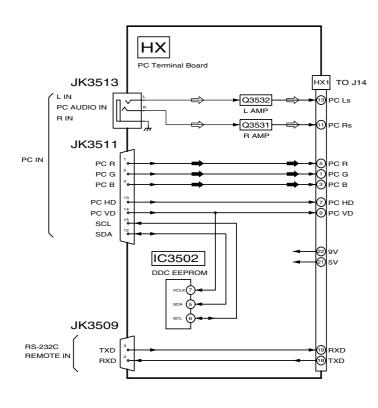


#### 14.8. HX-Board Schematic Diagram





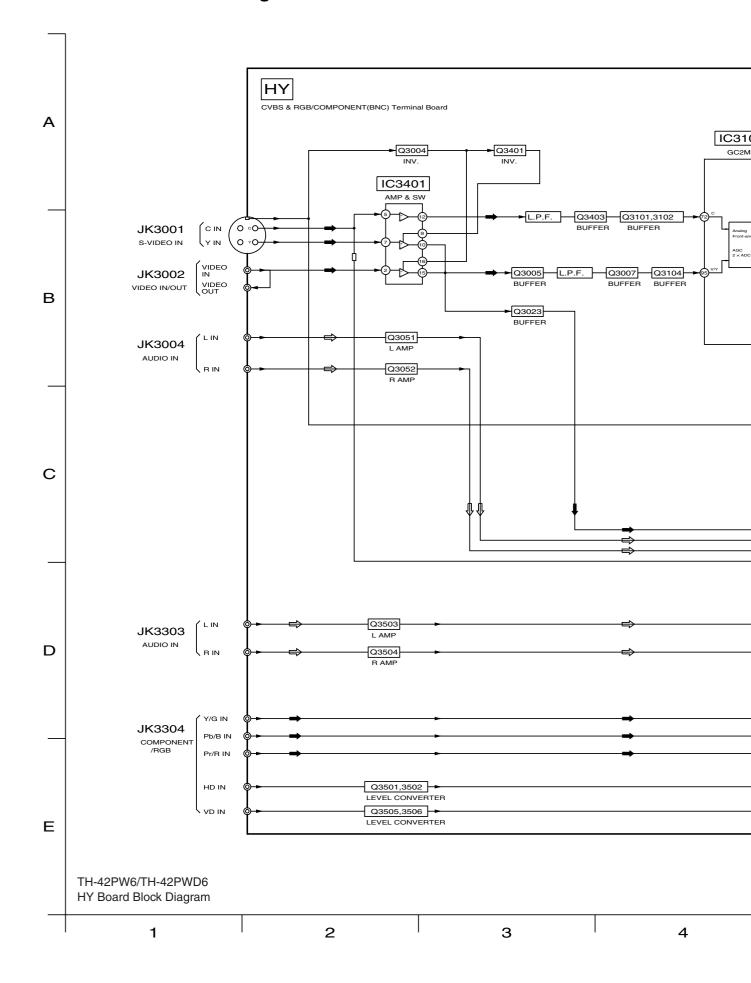




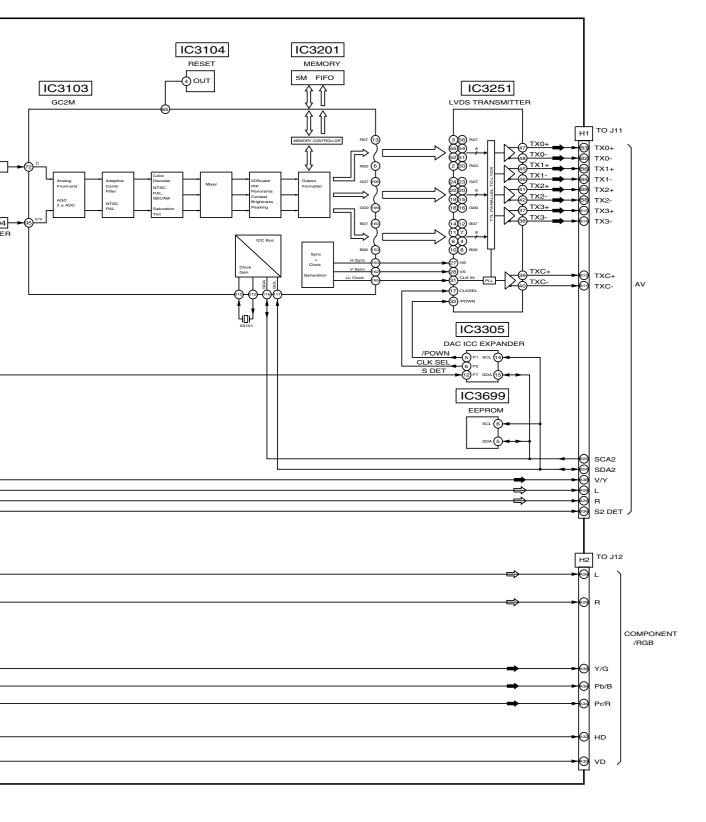
TH-42PW6/TH-42PWD6 HX-Board Schematic Diagram

5 6 7 8

#### 14.9. HY-Board Block Diagram







6

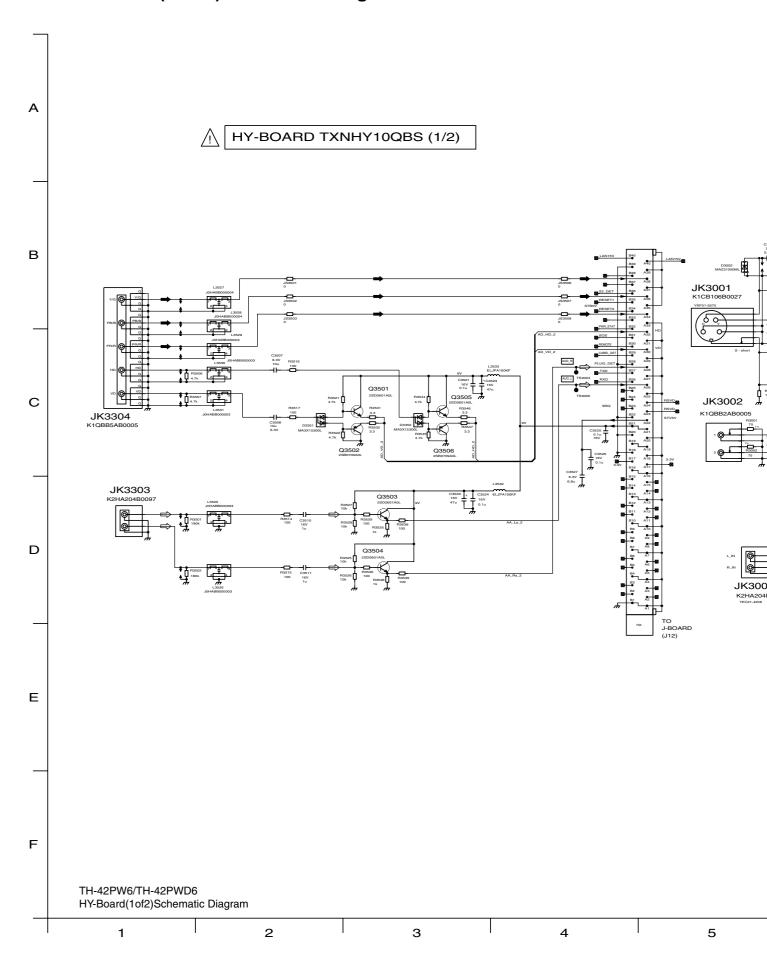
TH-42PW6/TH-42PWD6 HY Board Block Diagram

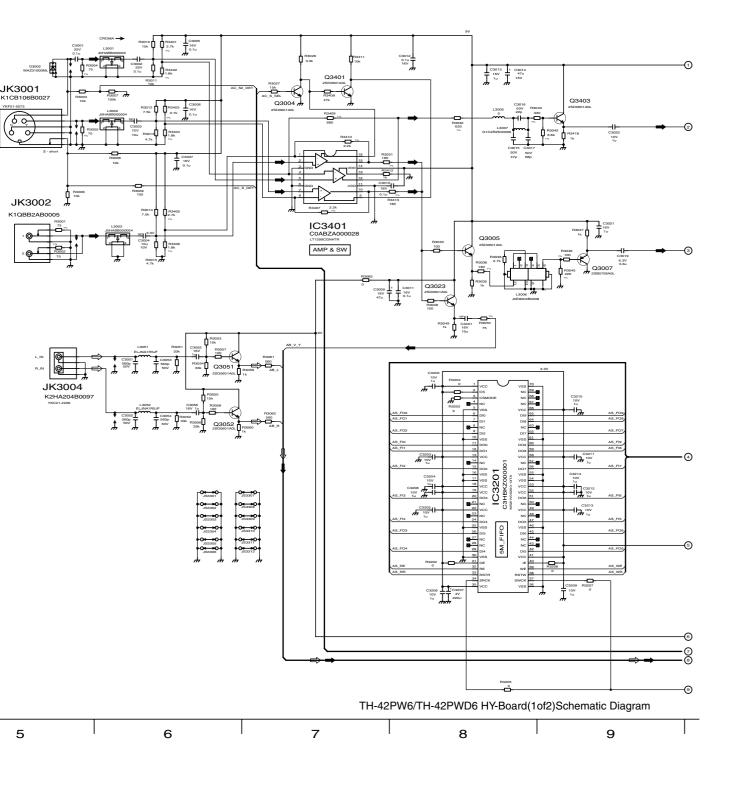
7

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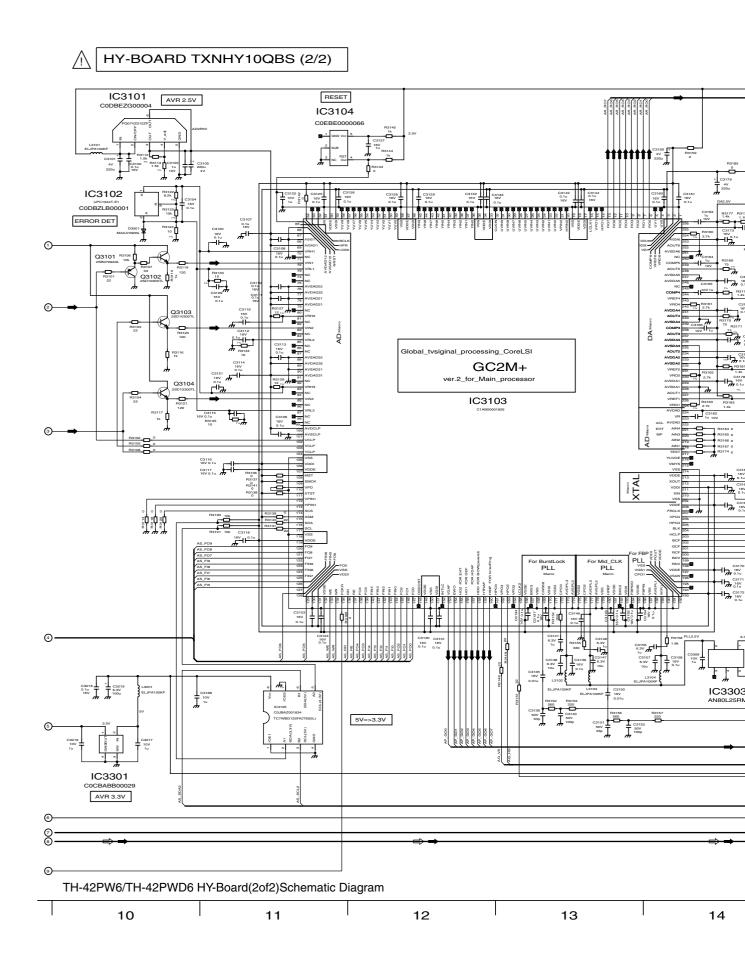
5

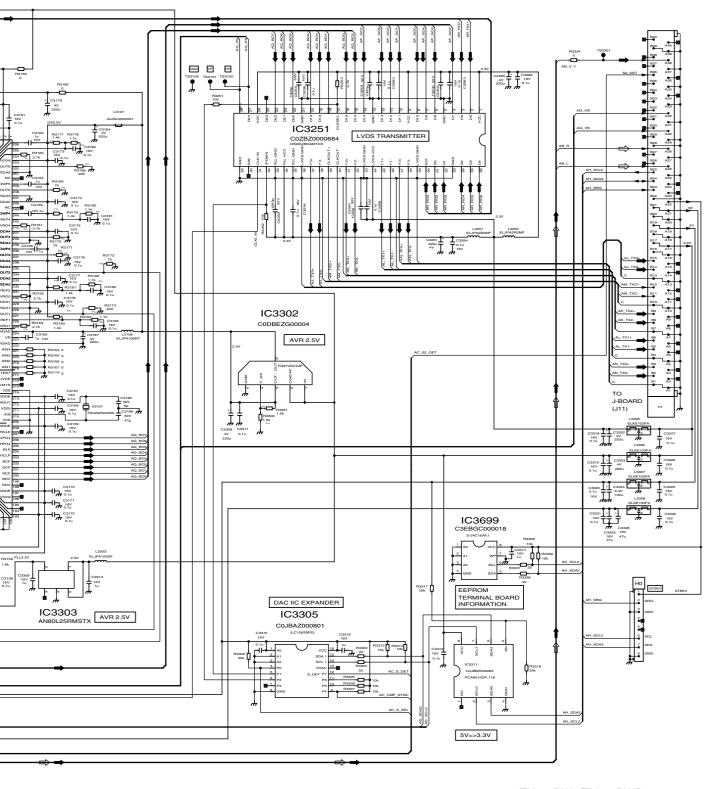
## 14.10. HY-Board (1 of 2) Schematic Diagram





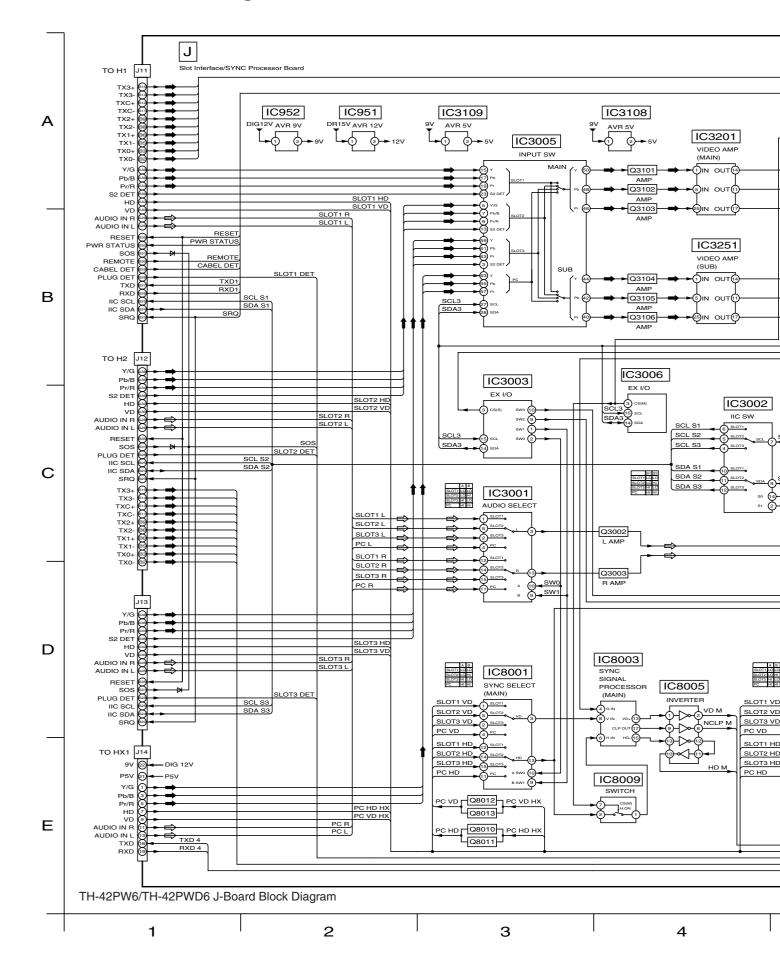
# 14.11. HY-Board (2 of 2) Schematic Diagram

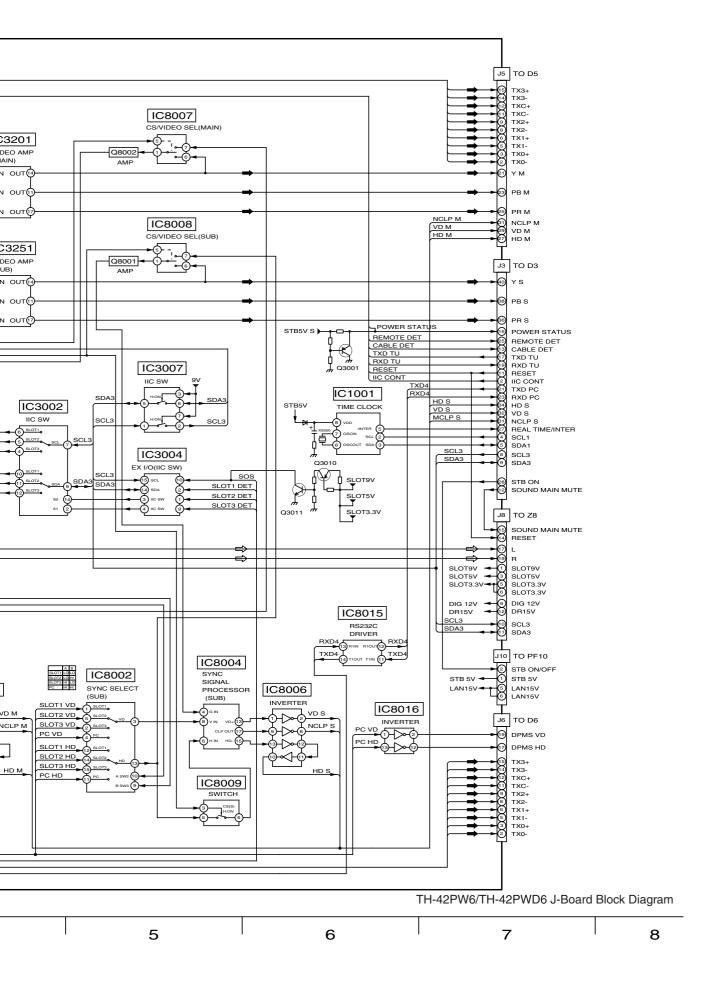




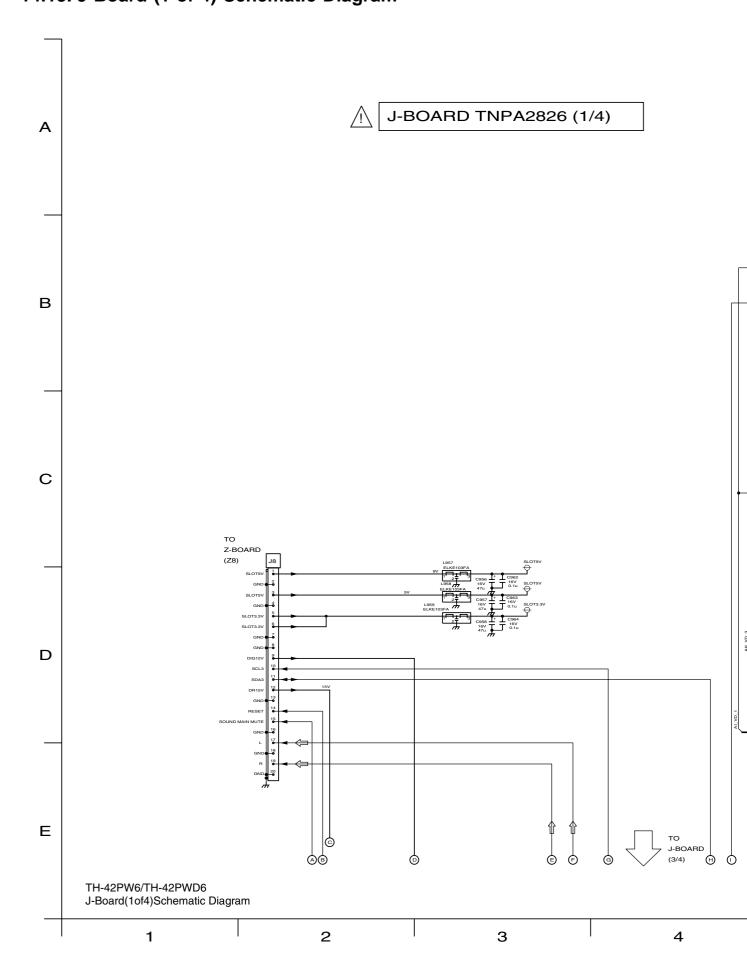
TH-42PW6/TH-42PWD6
HY-Board(2of2)Schematic Diagram

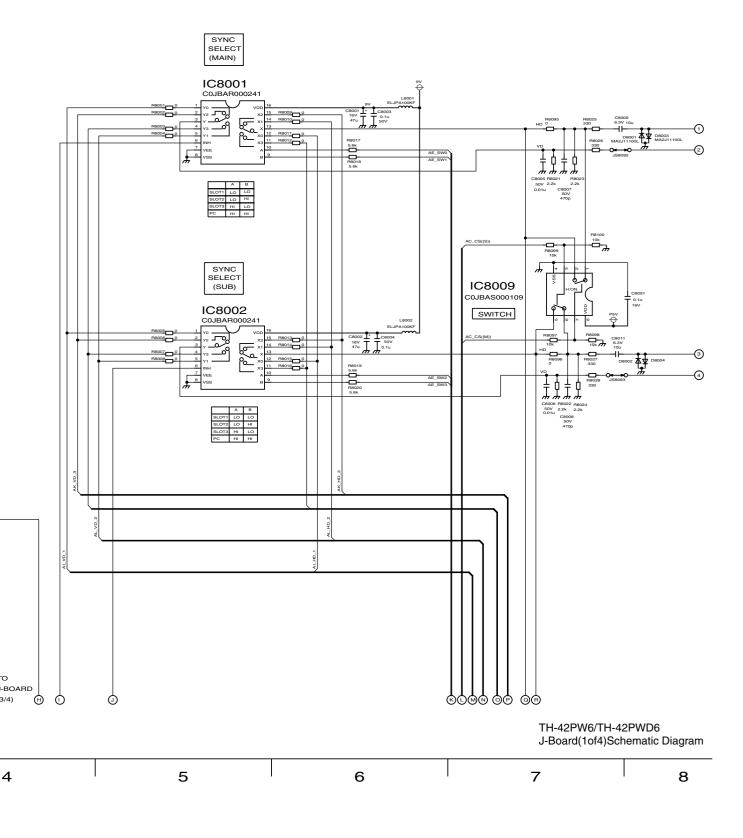
#### 14.12. J-Board Block Diagram



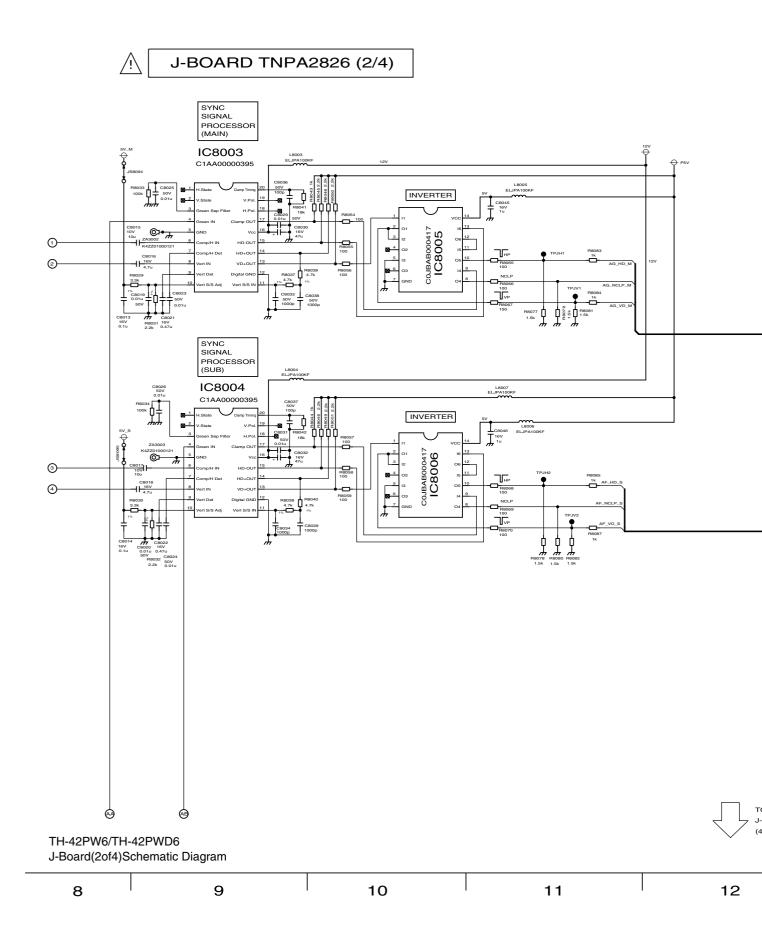


# 14.13. J-Board (1 of 4) Schematic Diagram





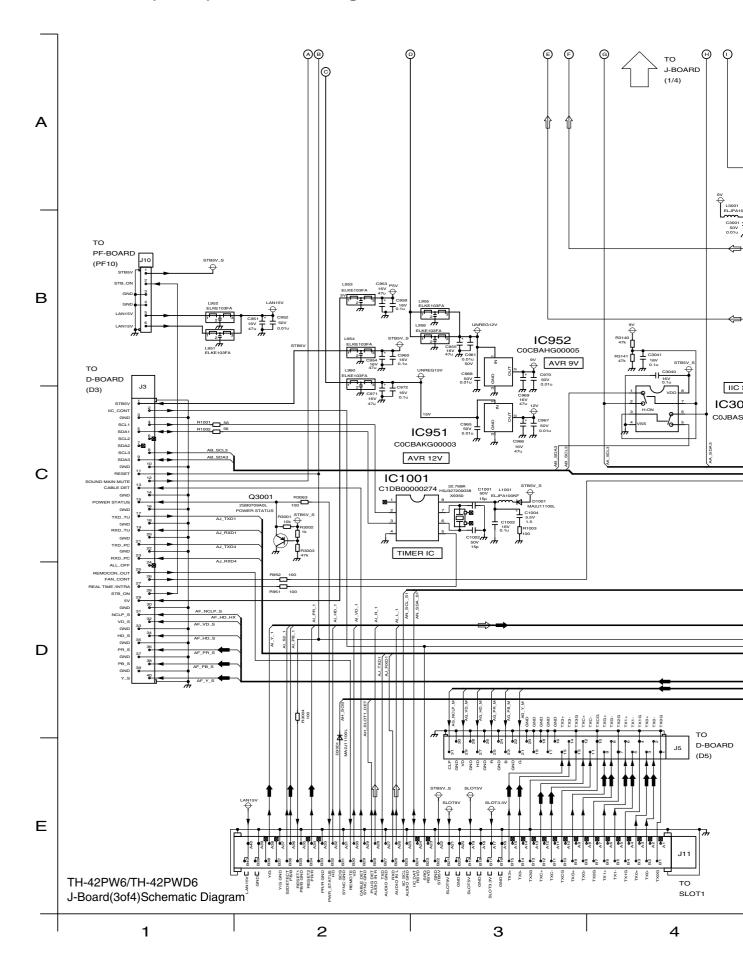
### 14.14. J-Board (2 of 4) Schematic Diagram



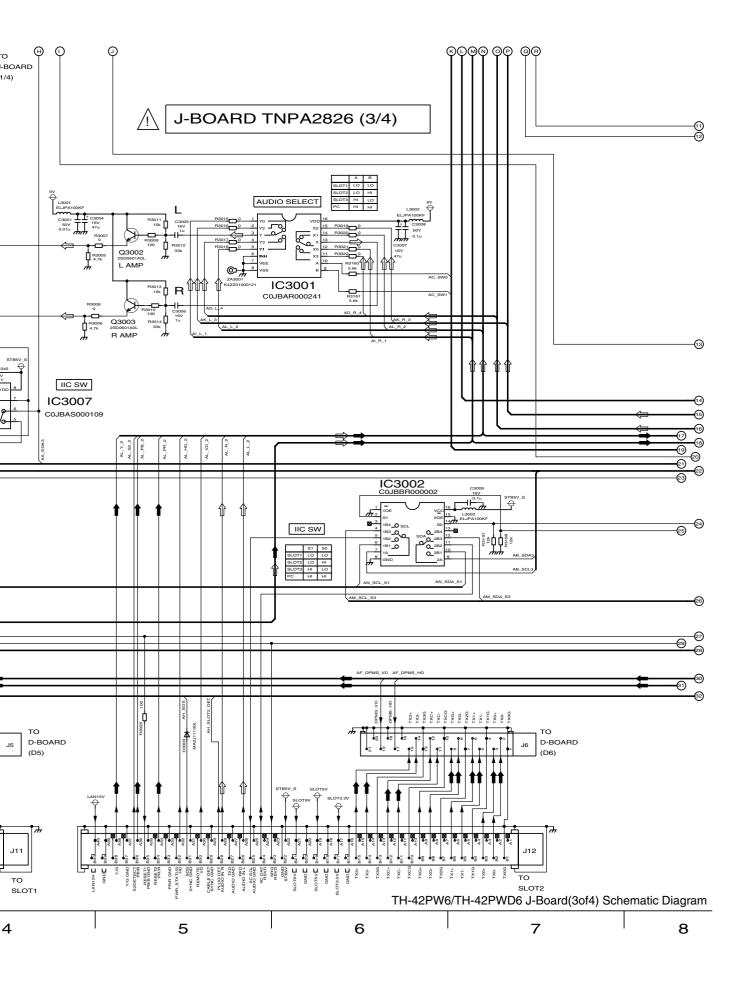
TO J-BOARD (4/4) TH-42PW6/TH-42PWD6 J-Board(2of4)Schematic Diagram 12 13 14 15

66\_\_\_\_

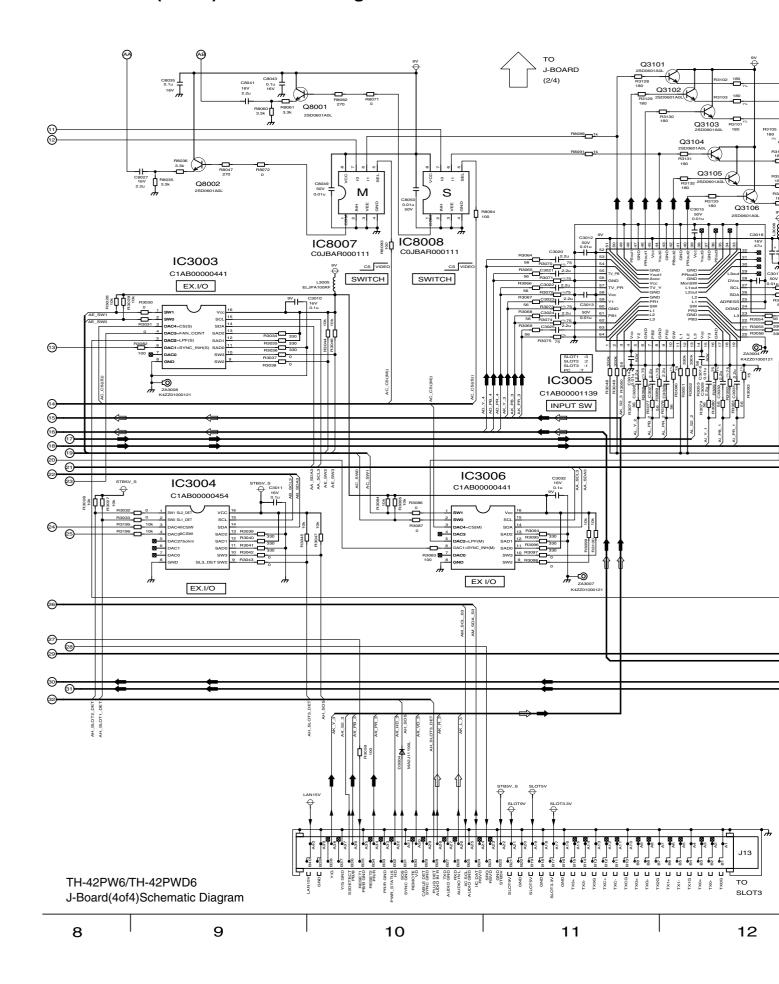
# 14.15. J-Board (3 of 4) Schematic Diagram



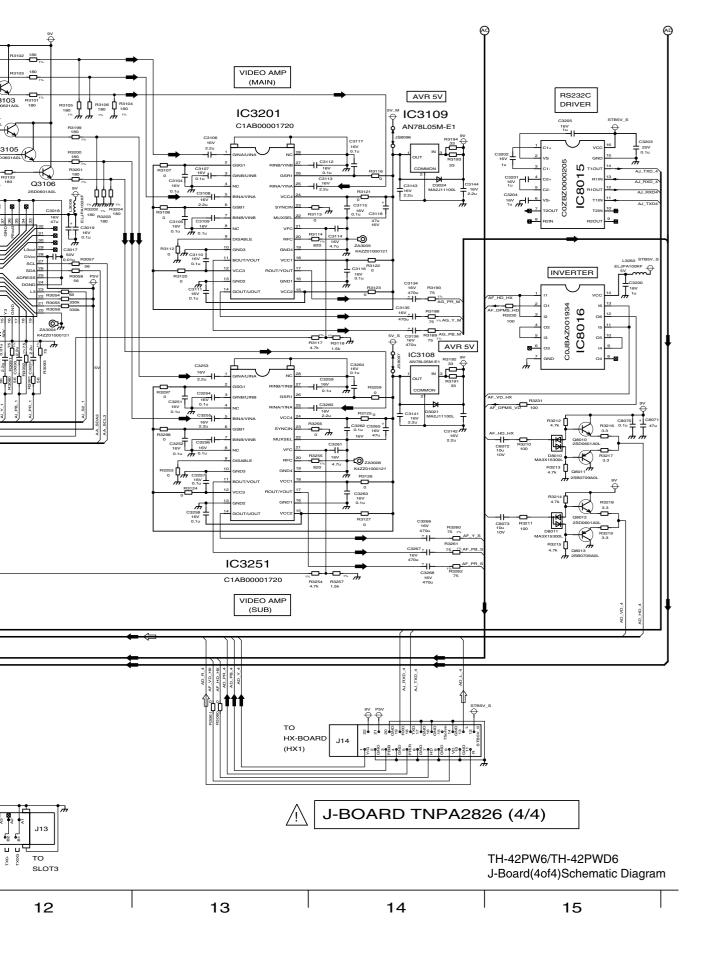




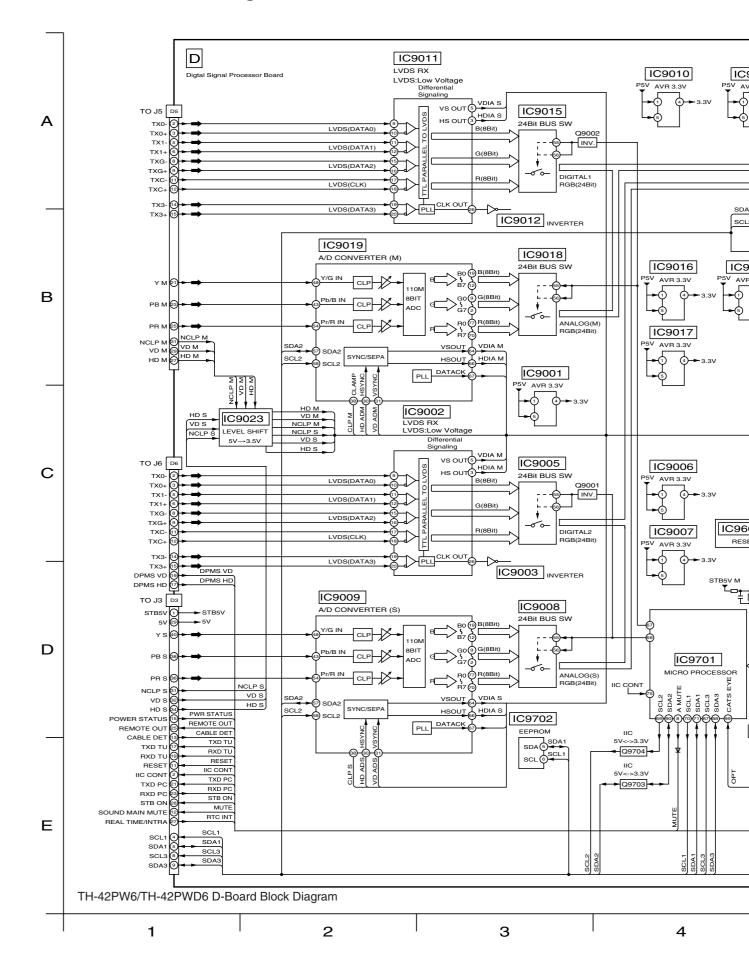
### 14.16. J-Board (4 of 4) Schematic Diagram

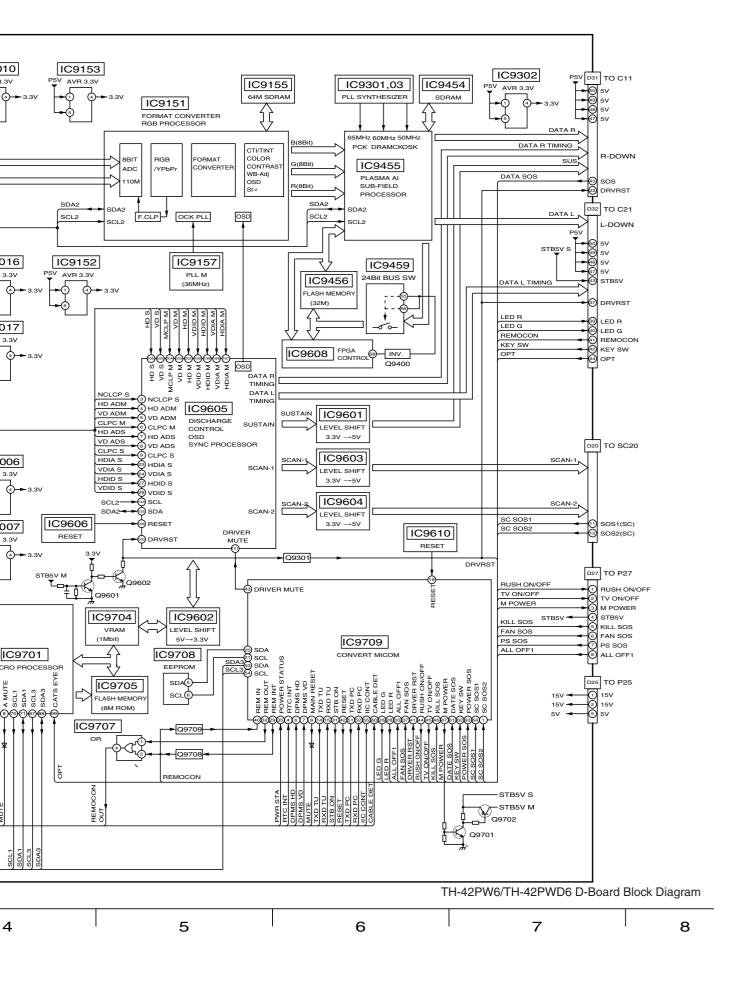






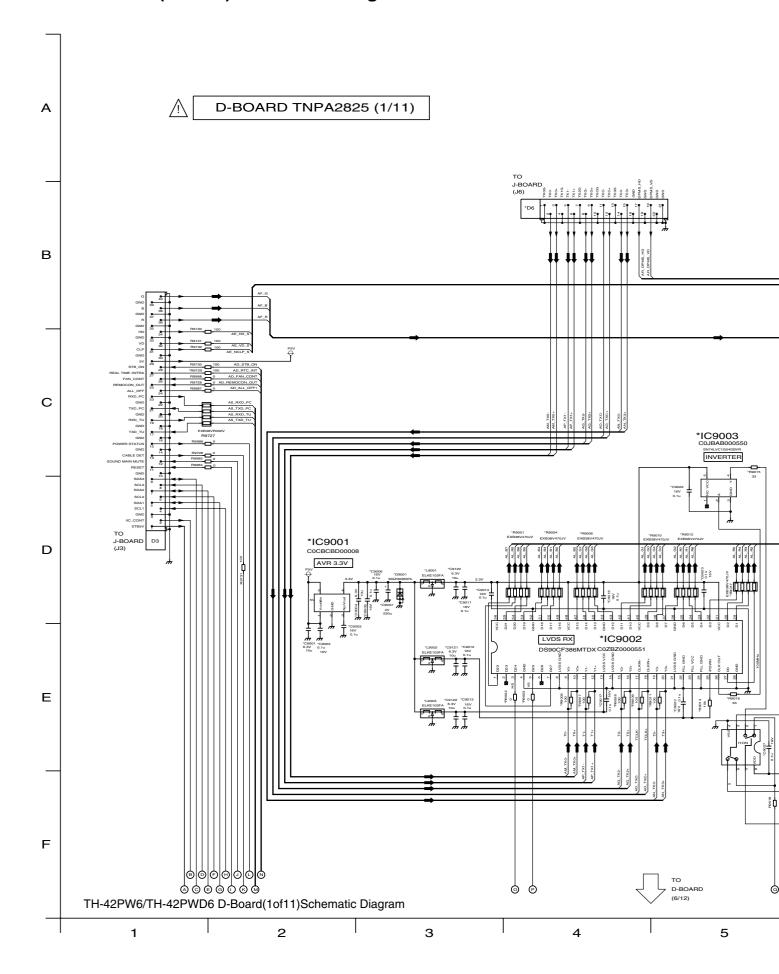
### 14.17. D-Board Block Diagram

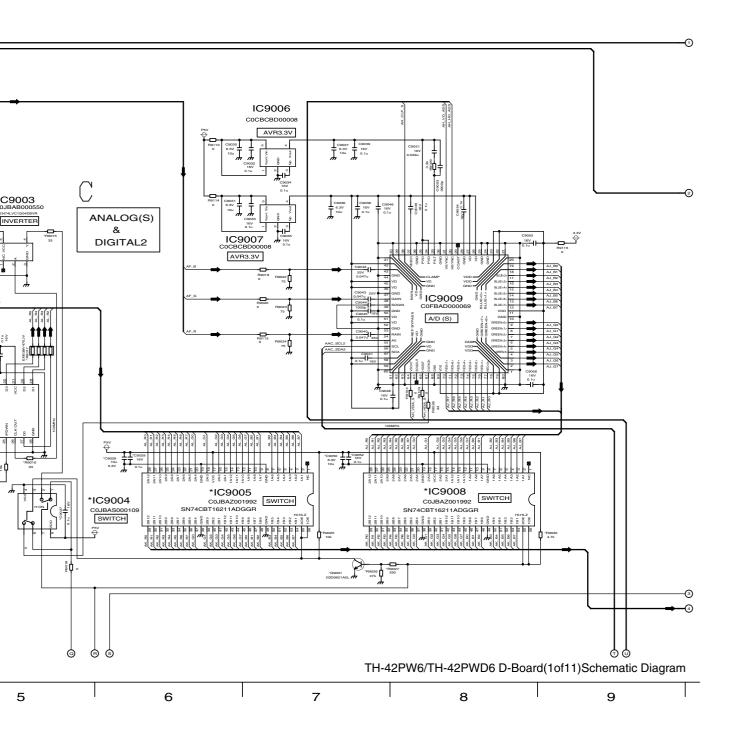




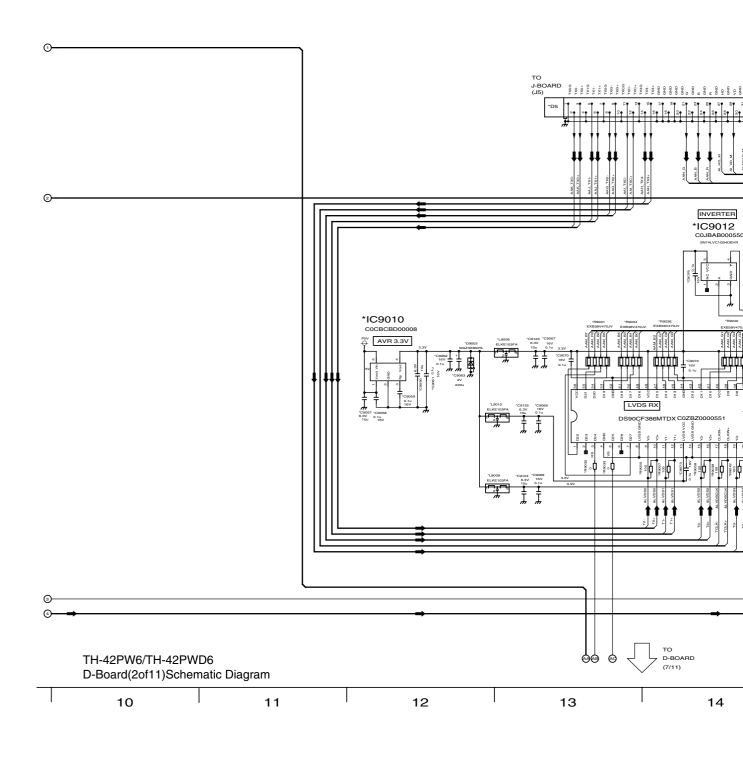
### ---

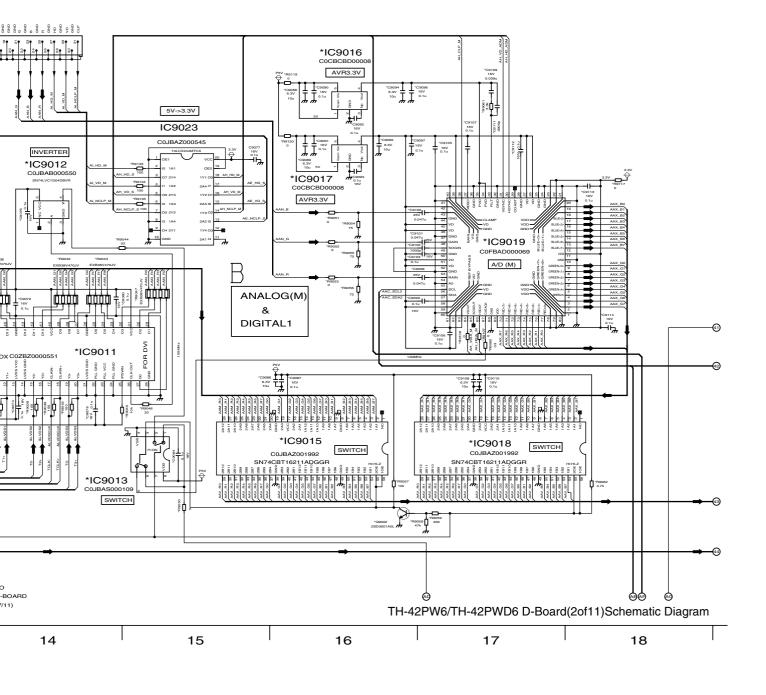
# 14.18. D-Board (1 of 11) Schematic Diagram



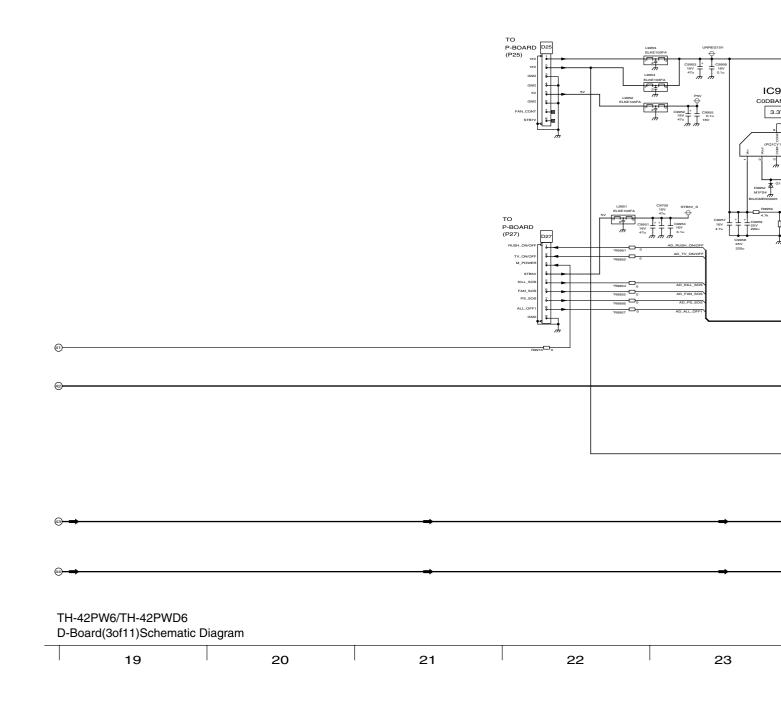


# 14.19. D-Board (2 of 11) Schematic Diagram

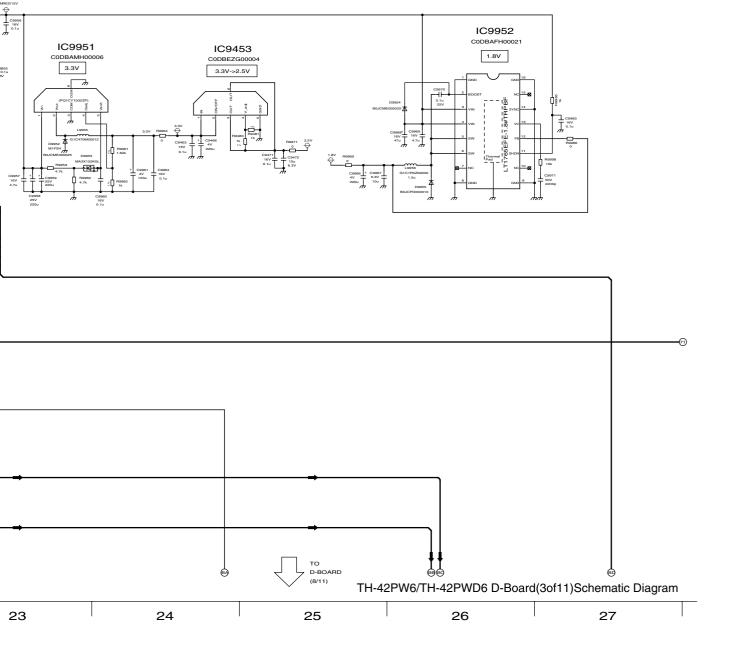




# 14.20. D-Board (3 of 11) Schematic Diagram

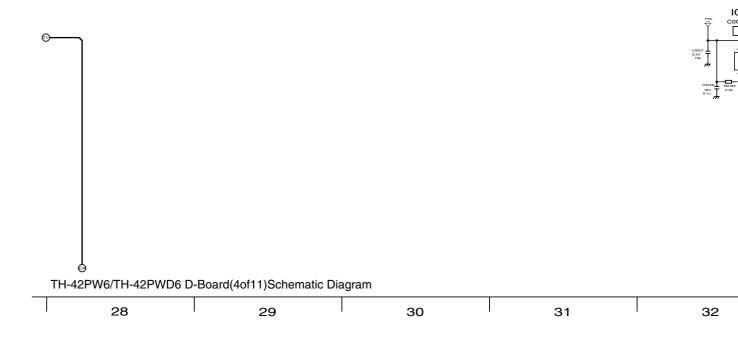


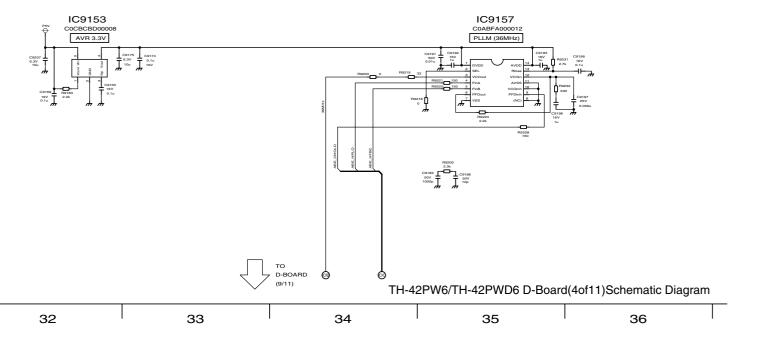




# 14.21. D-Board (4 of 11) Schematic Diagram

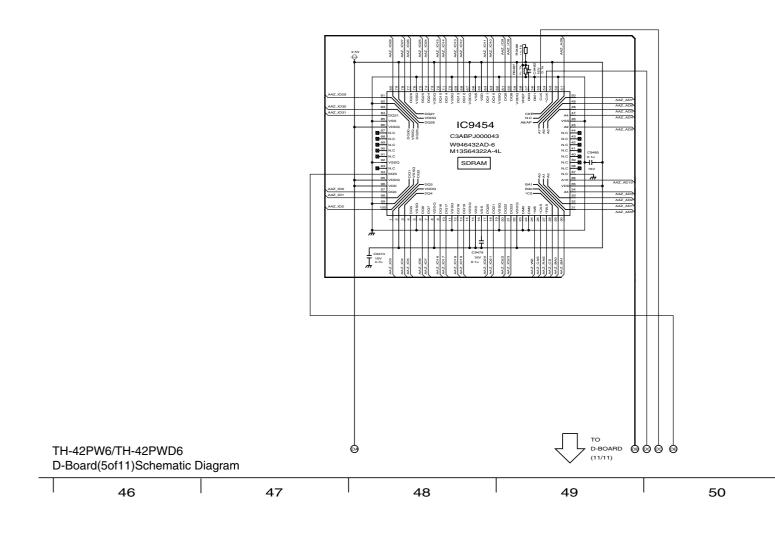








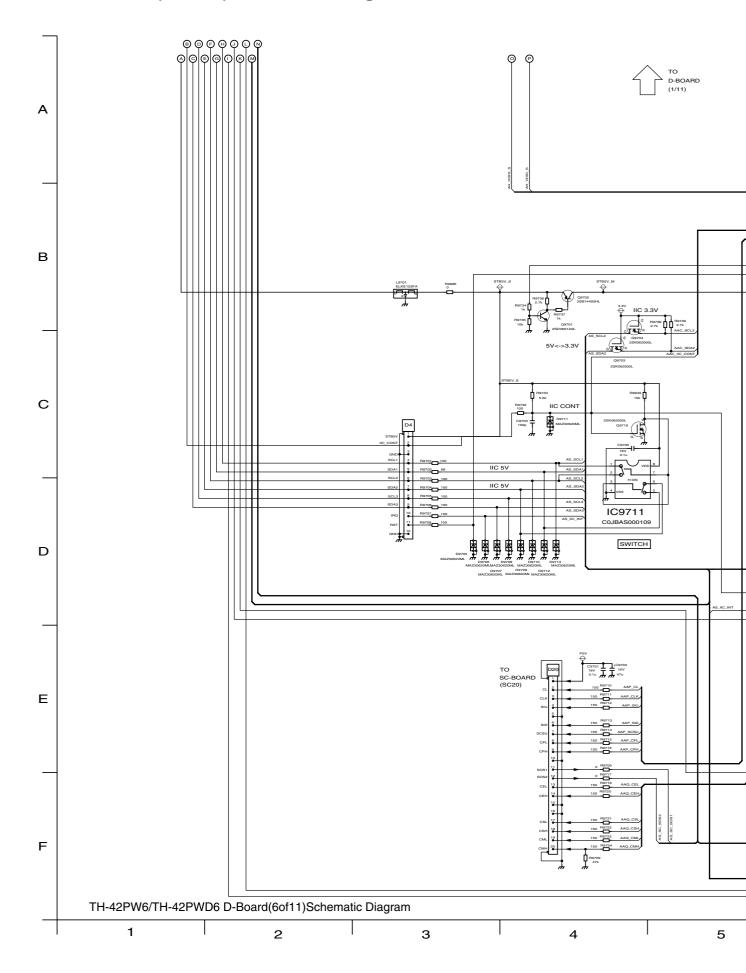
# 14.22. D-Board (5 of 11) Schematic Diagram

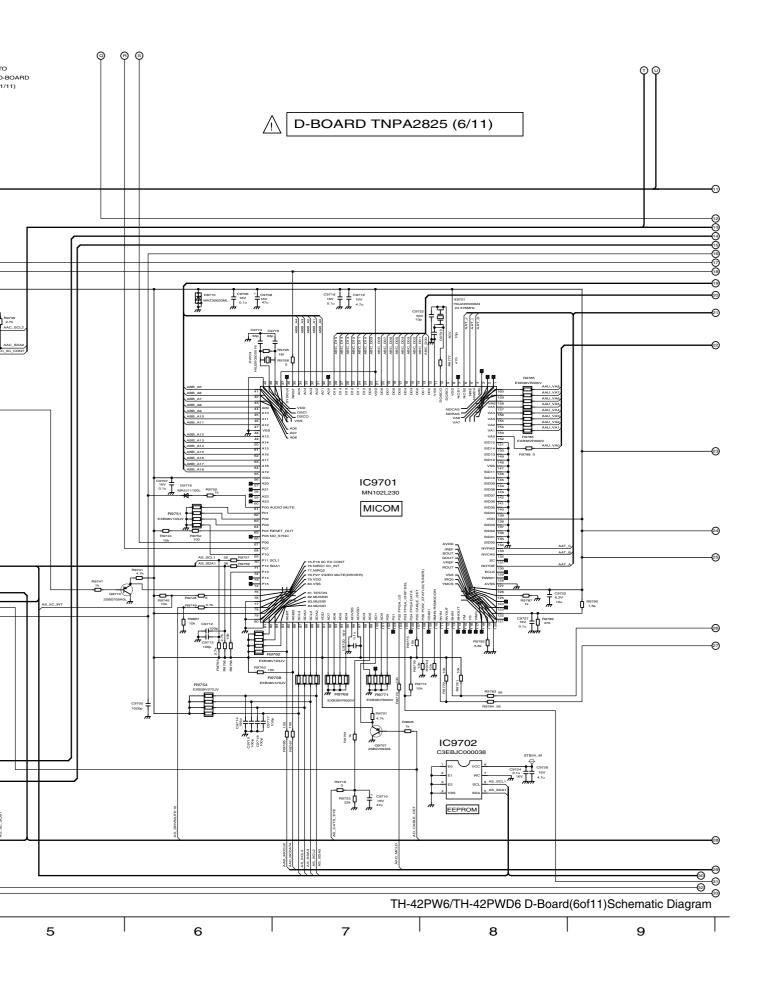


TH-42PW6/TH-42PWD6
D-Board(5of11)Schematic Diagram

50 51 52 53 54

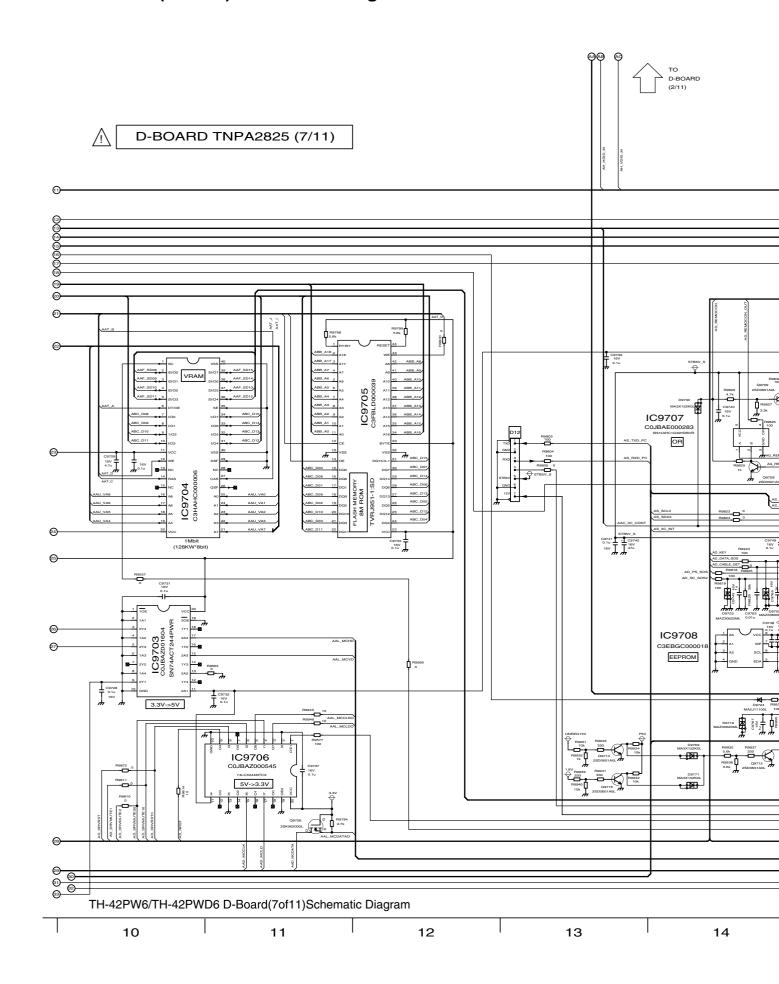
# 14.23. D-Board (6 of 11) Schematic Diagram

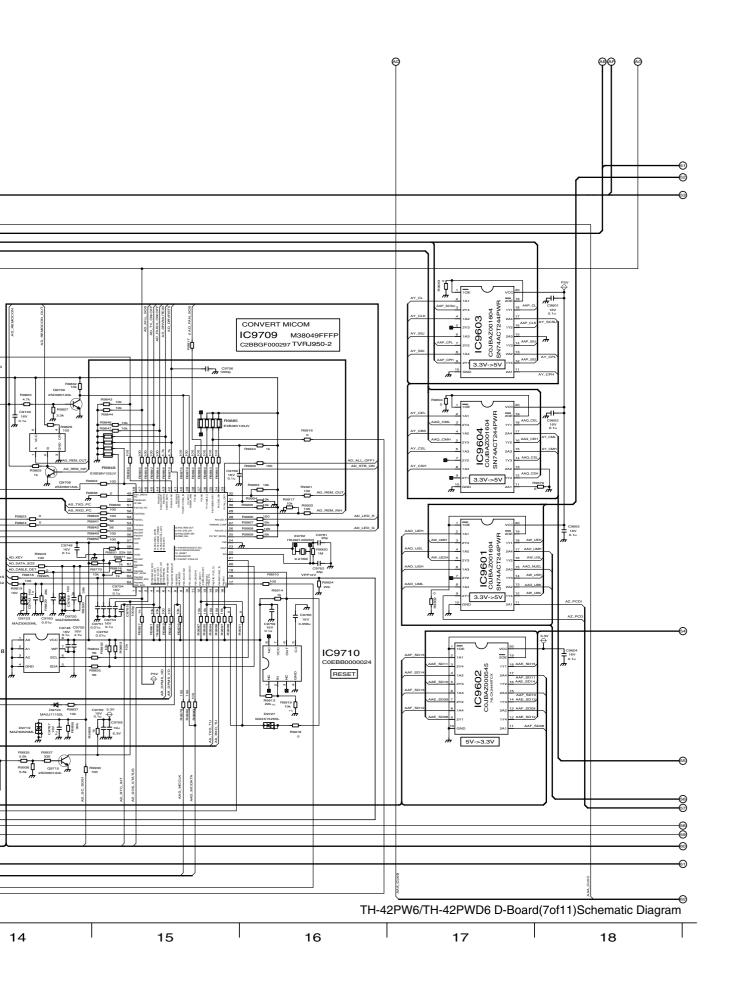




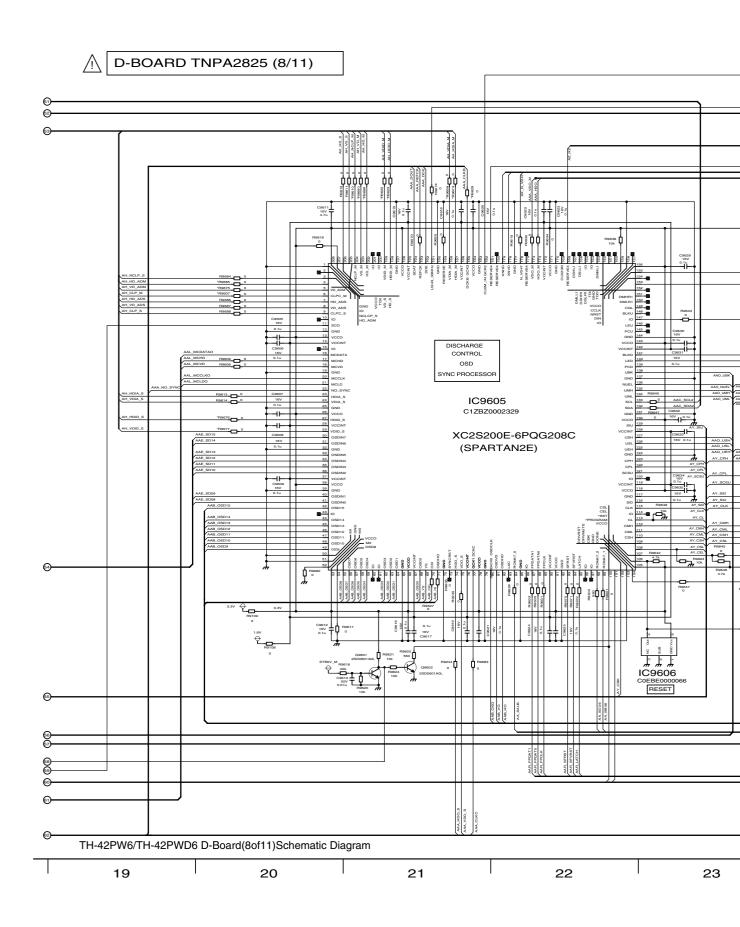
#### ---

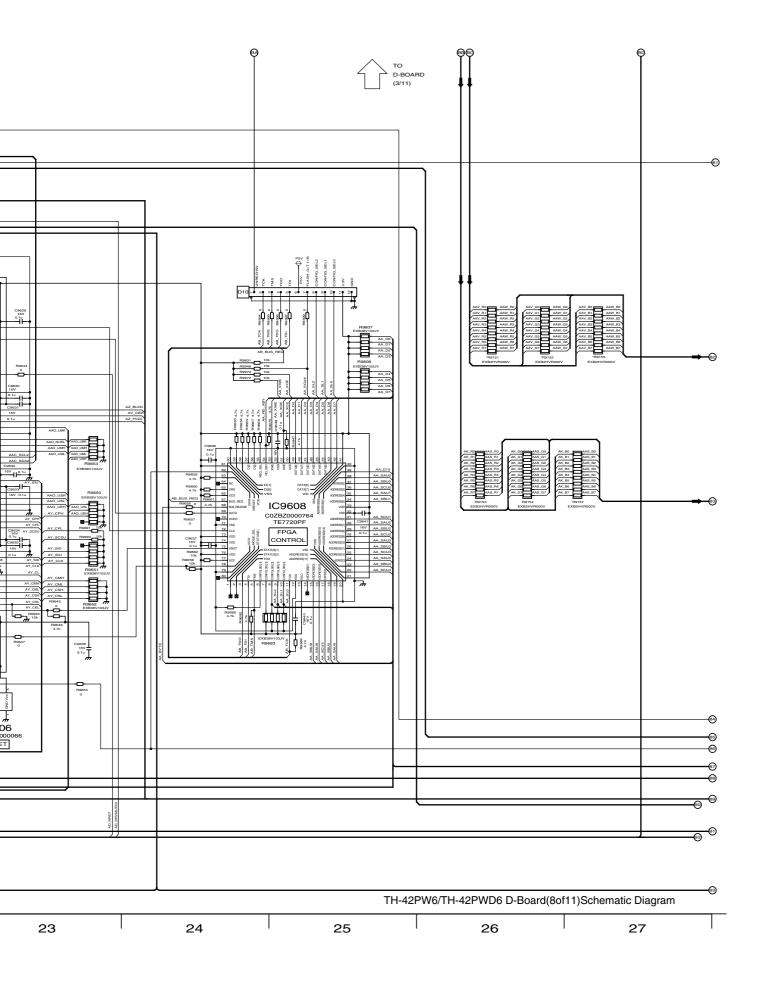
# 14.24. D-Board (7 of 11) Schematic Diagram





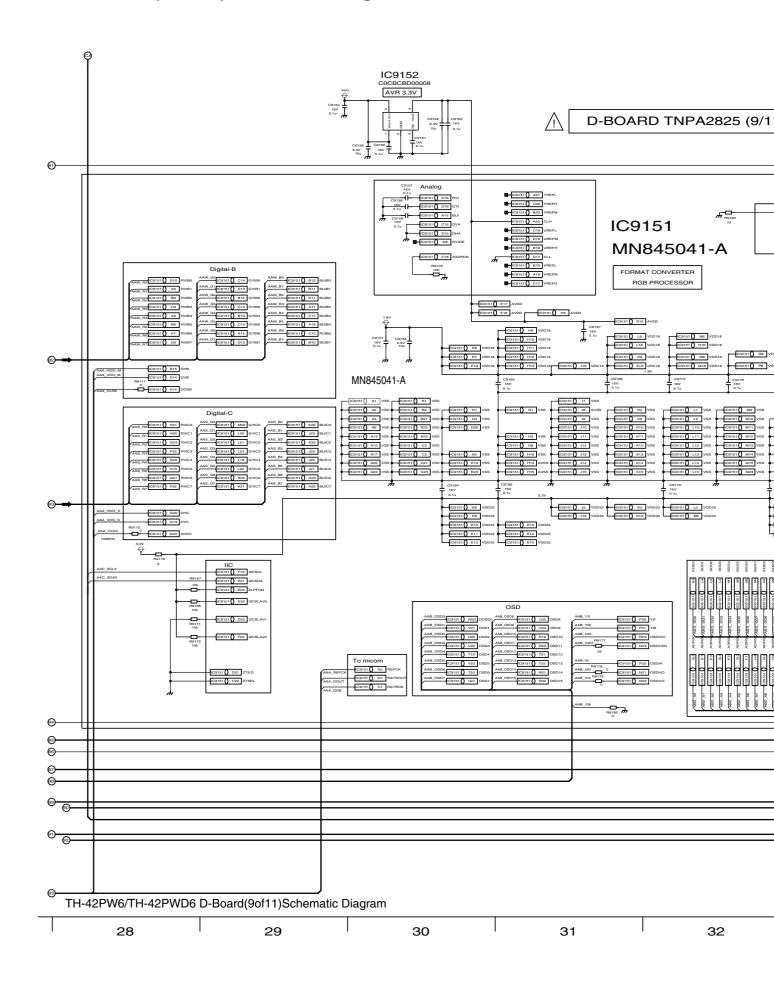
# 14.25. D-Board (8 of 11) Schematic Diagram

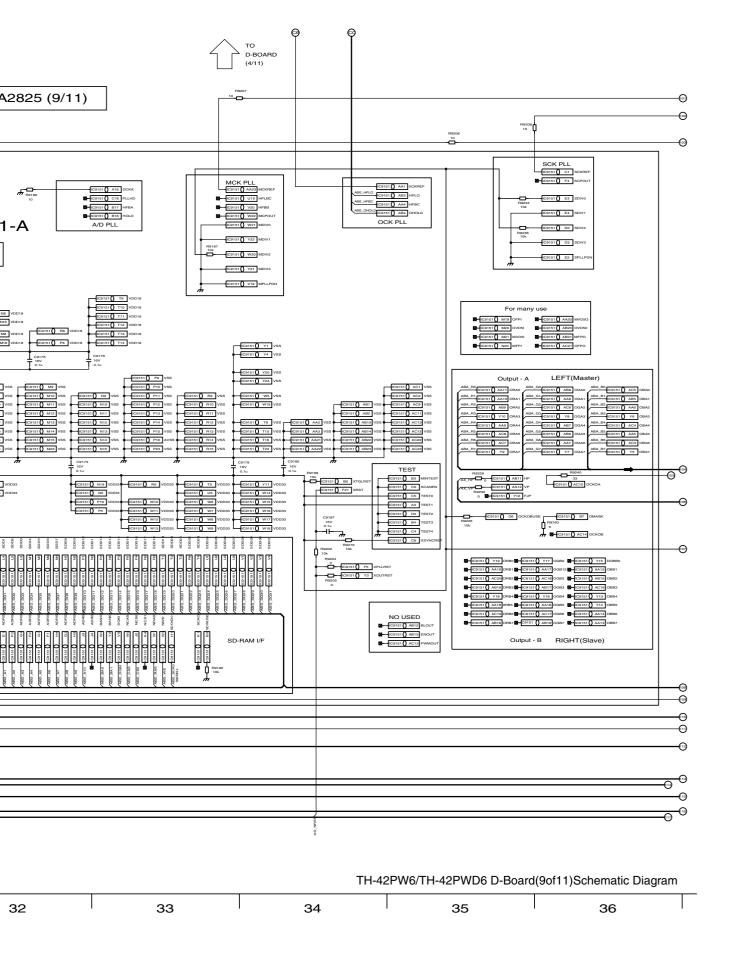




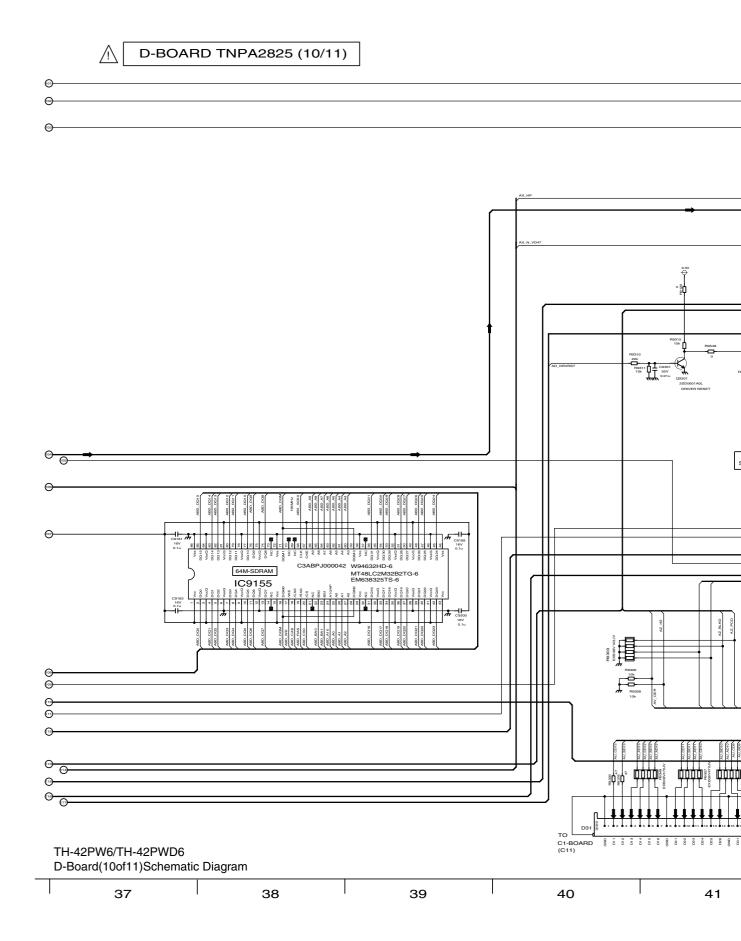
#### ---

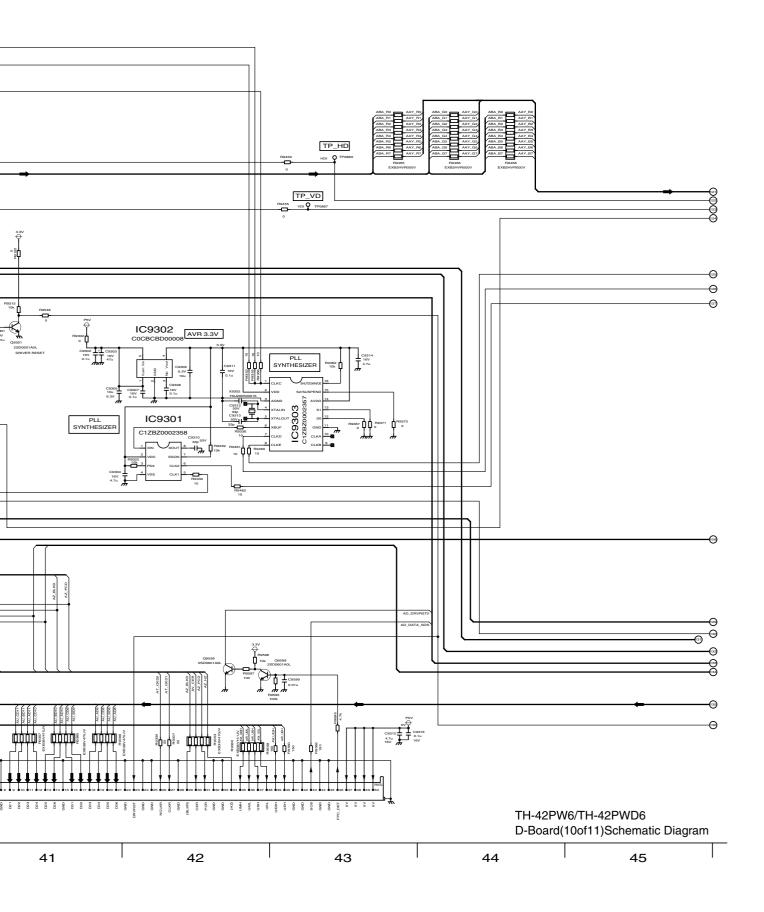
# 14.26. D-Board (9 of 11) Schematic Diagram



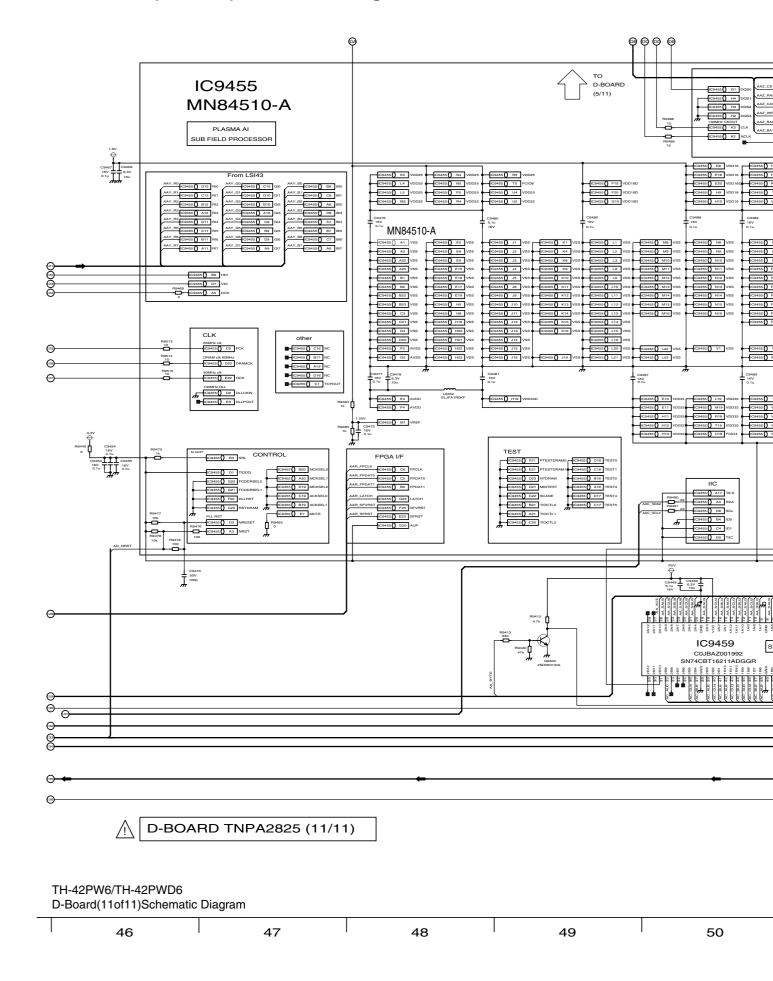


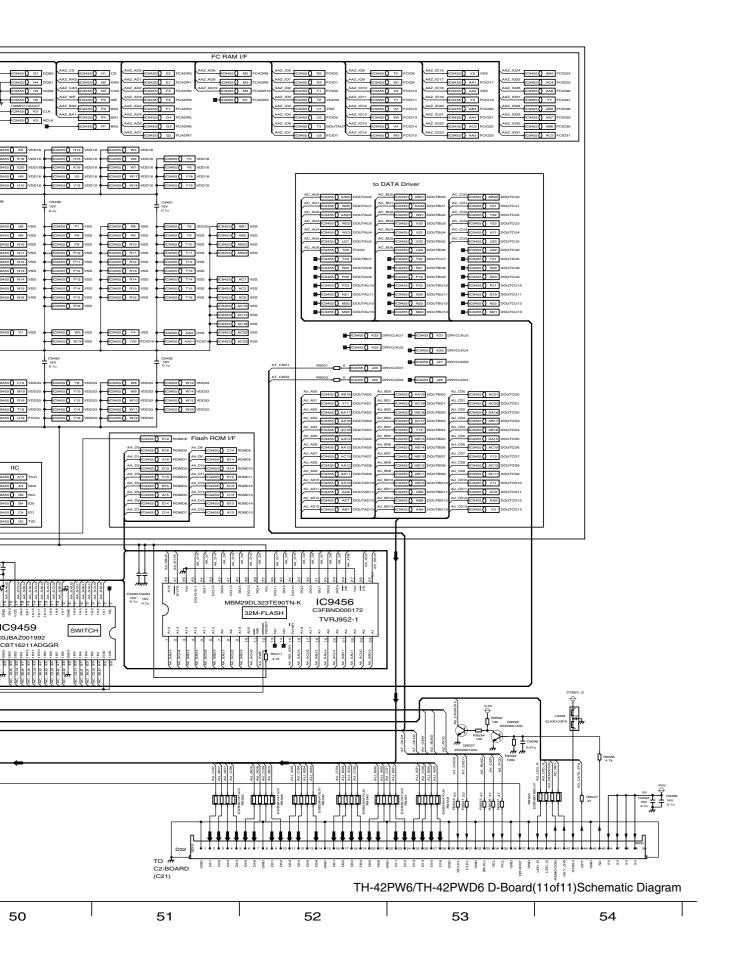
# 14.27. D-Board (10 of 11) Schematic Diagram



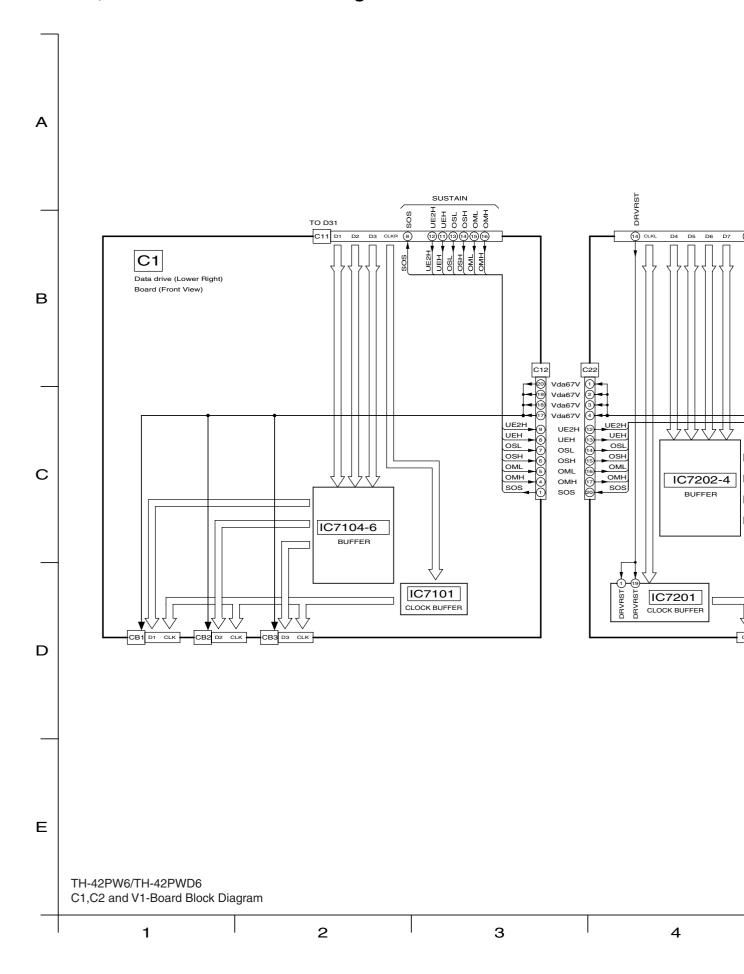


### 14.28. D-Board (11 of 11) Schematic Diagram

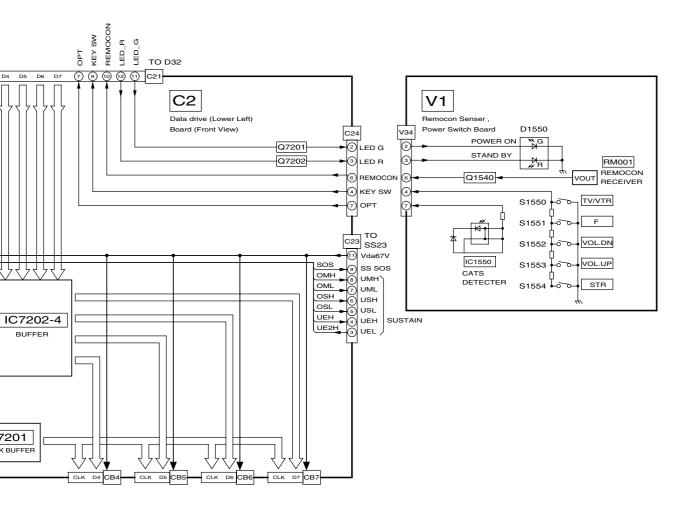




## 14.29. C1, C2 and V1-Board Block Diagram





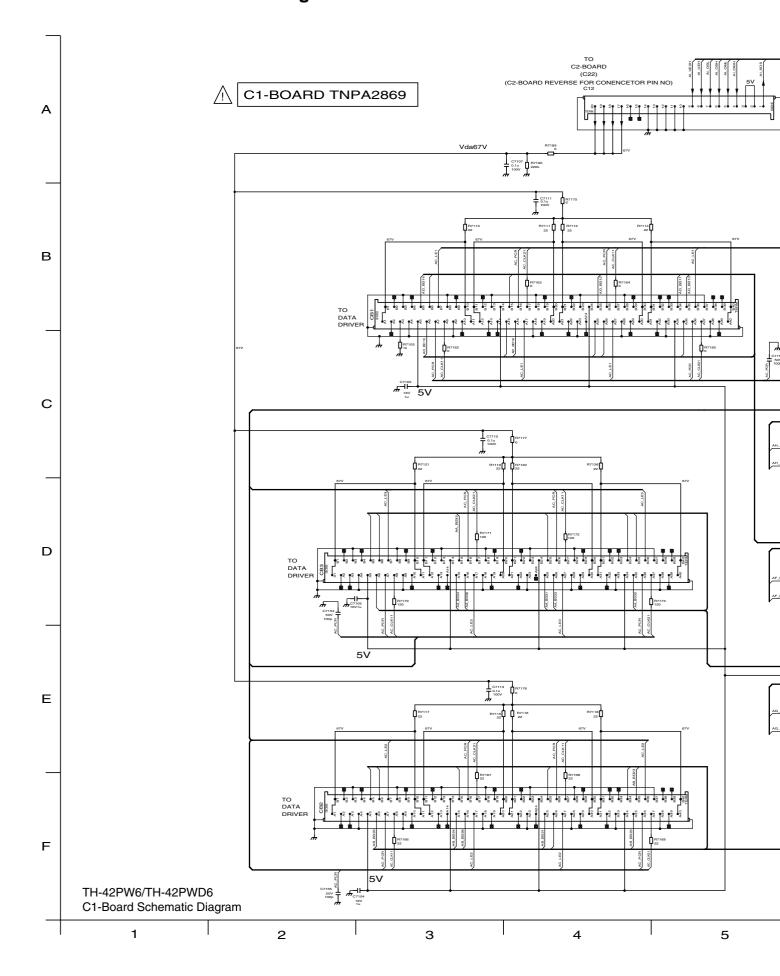


TH-42PW6/TH-42PWD6 C1,C2 and V1-Board Block Diagram

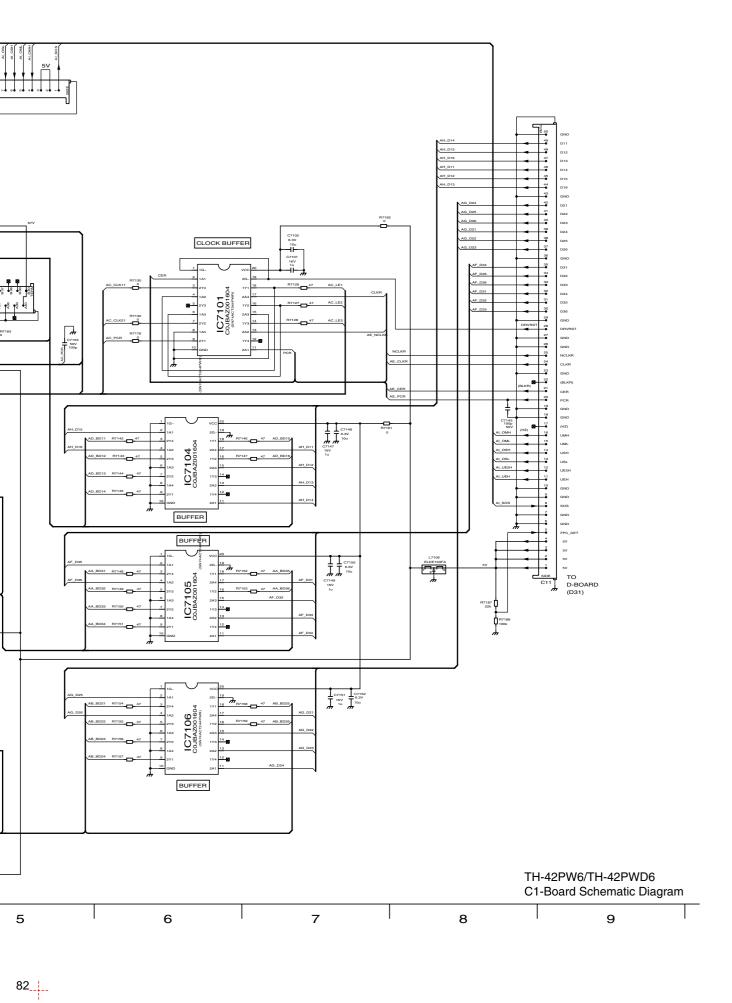
4 5 6 7 8

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## 14.30. C1-Board Schematic Diagram

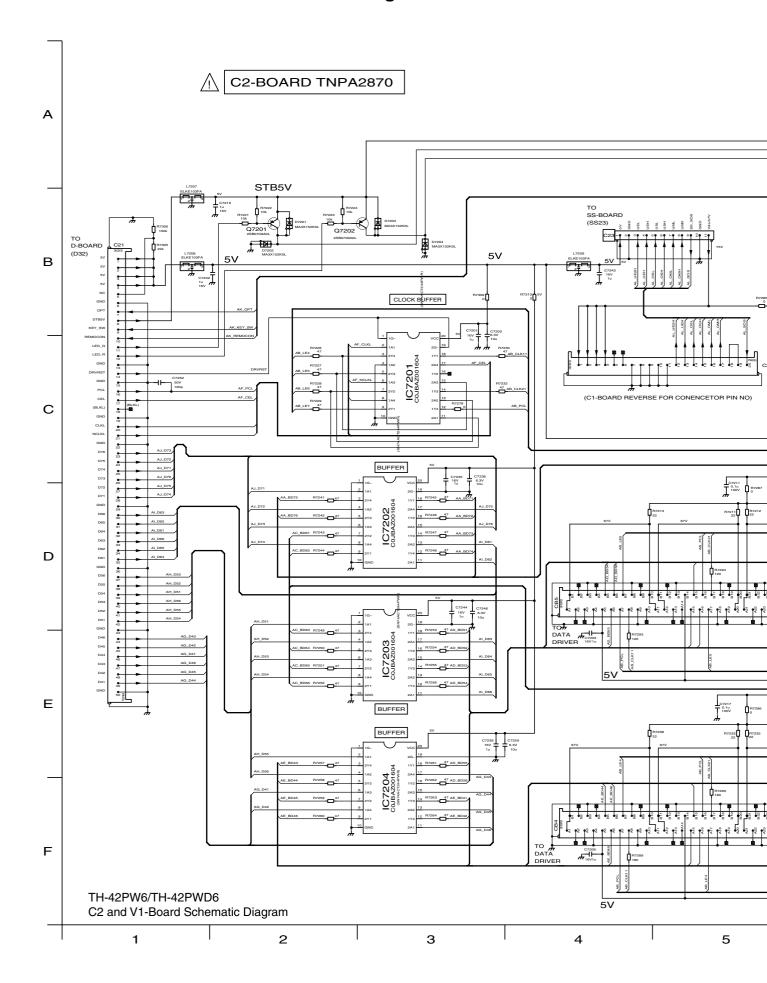


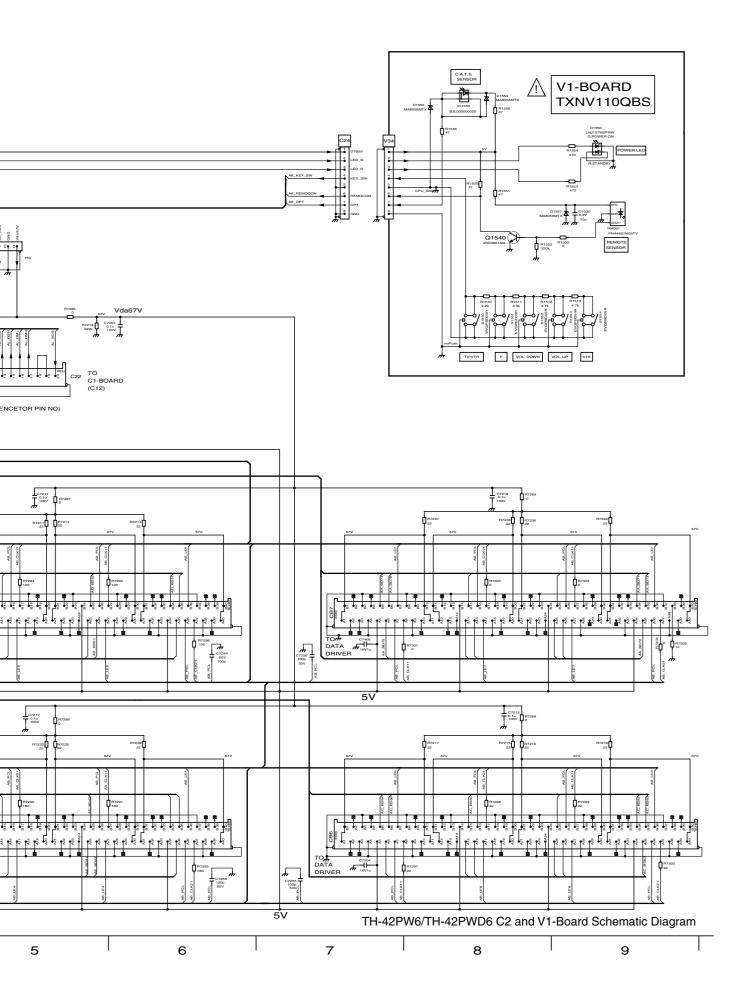




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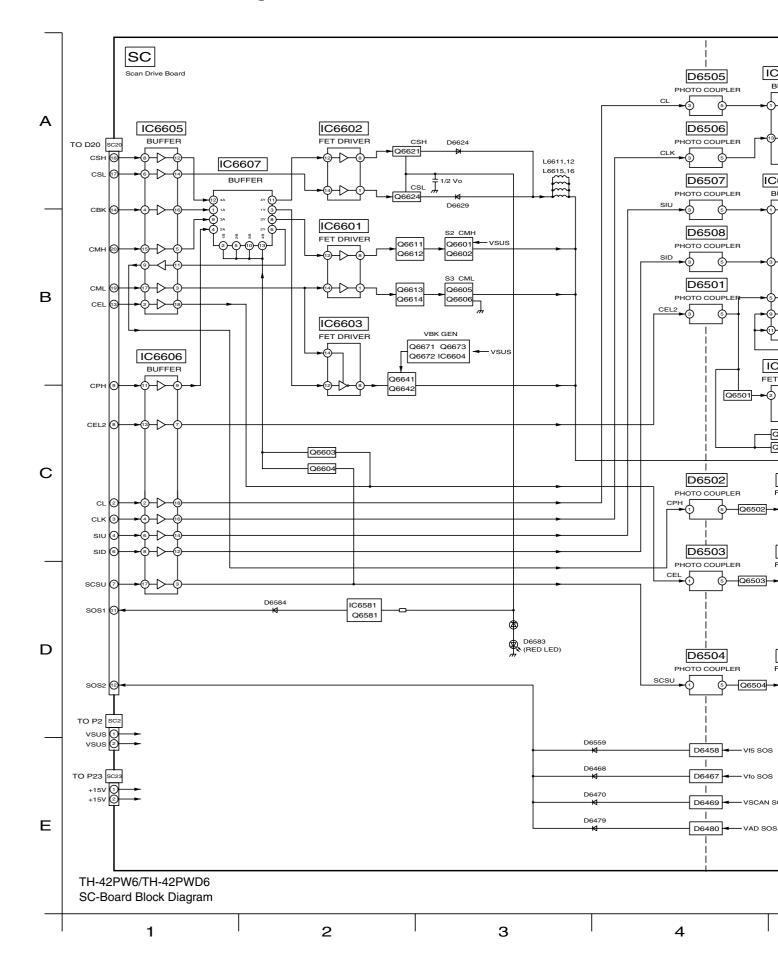
## 14.31. C2 and V1-Board Schematic Diagram

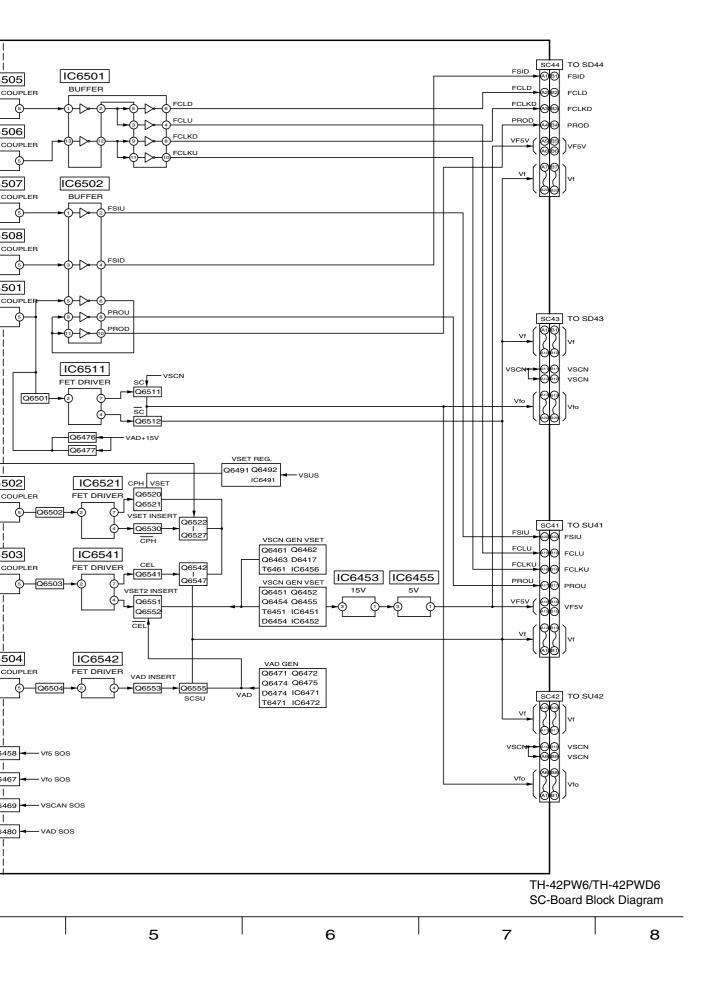




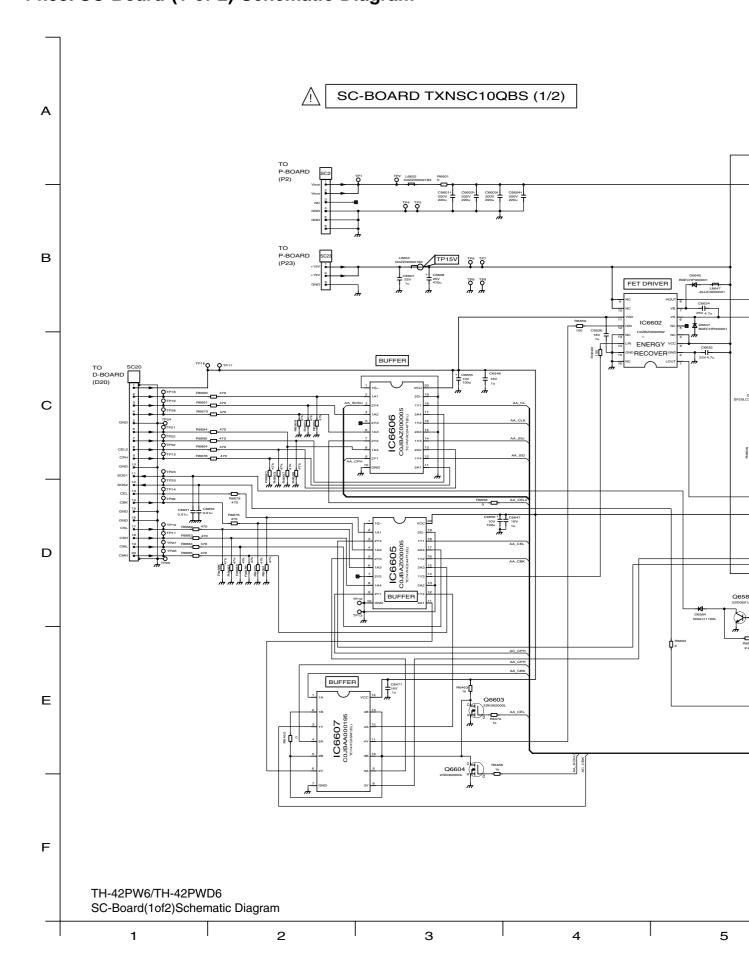
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#### 14.32. SC-Board Block Diagram

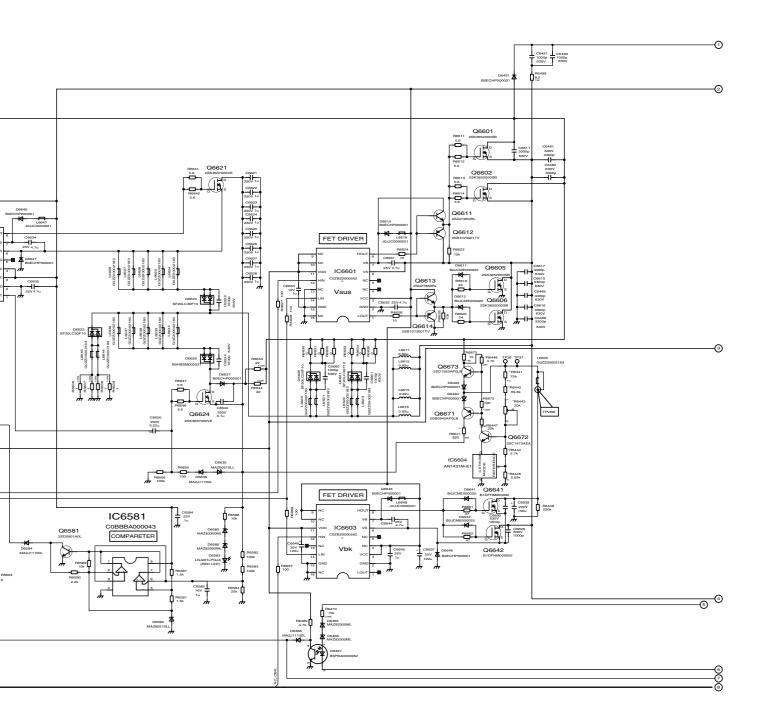




# 14.33. SC-Board (1 of 2) Schematic Diagram



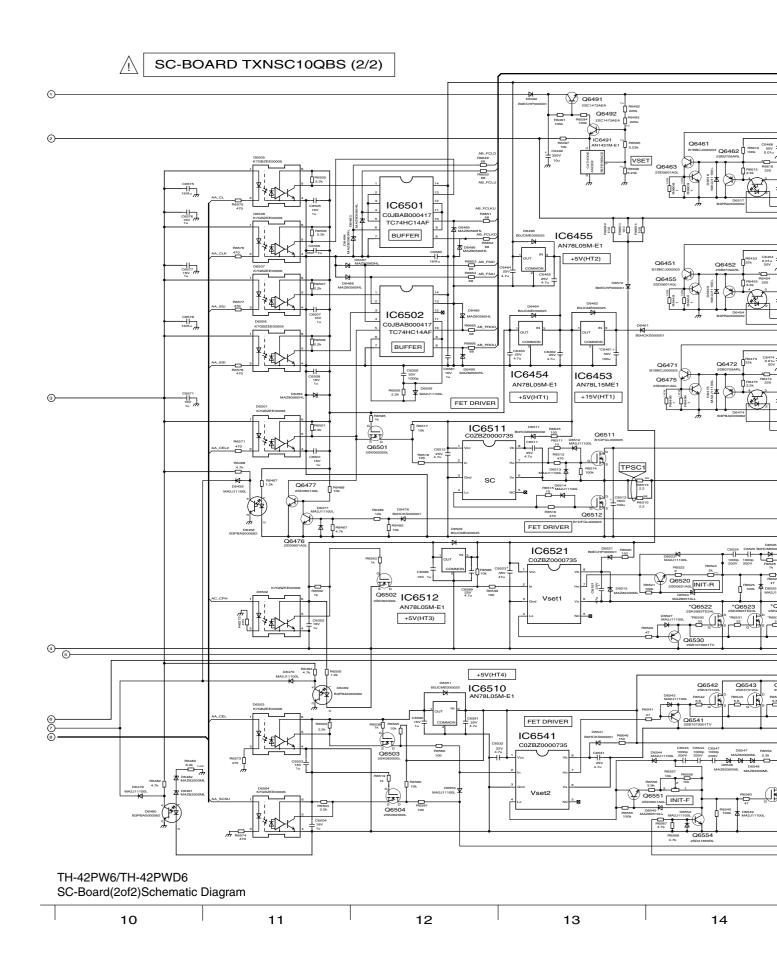


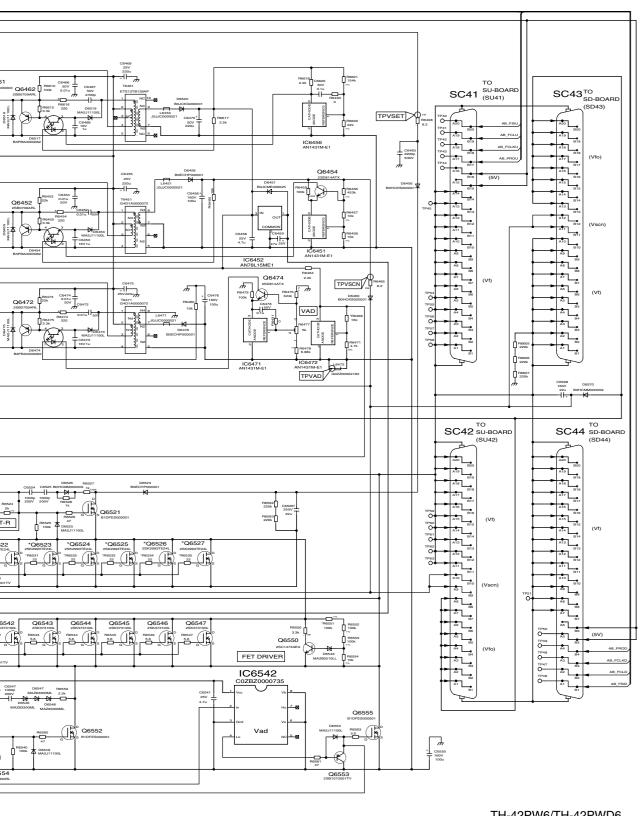


# TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35



## 14.34. SC-Board (2 of 2) Schematic Diagram





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TH-42PW6/TH-42PWD6 SC-Board(2of2)Schematic Diagram

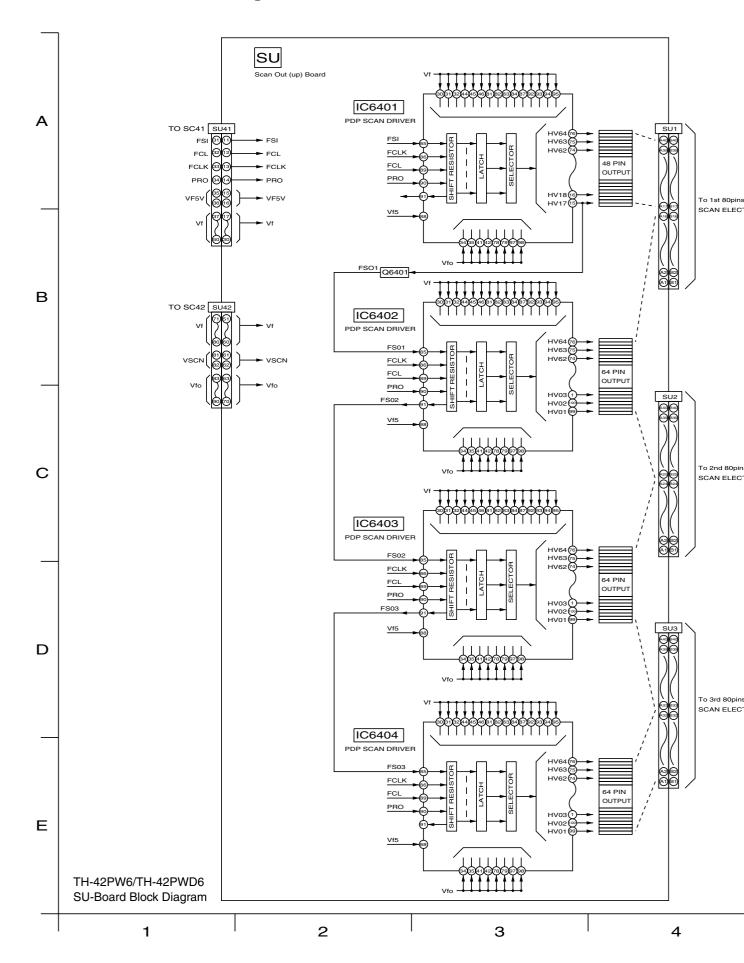
17

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14

15

#### 14.35. SU-Board Block Diagram



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To 1st 80pins of SCAN ELECTRODES

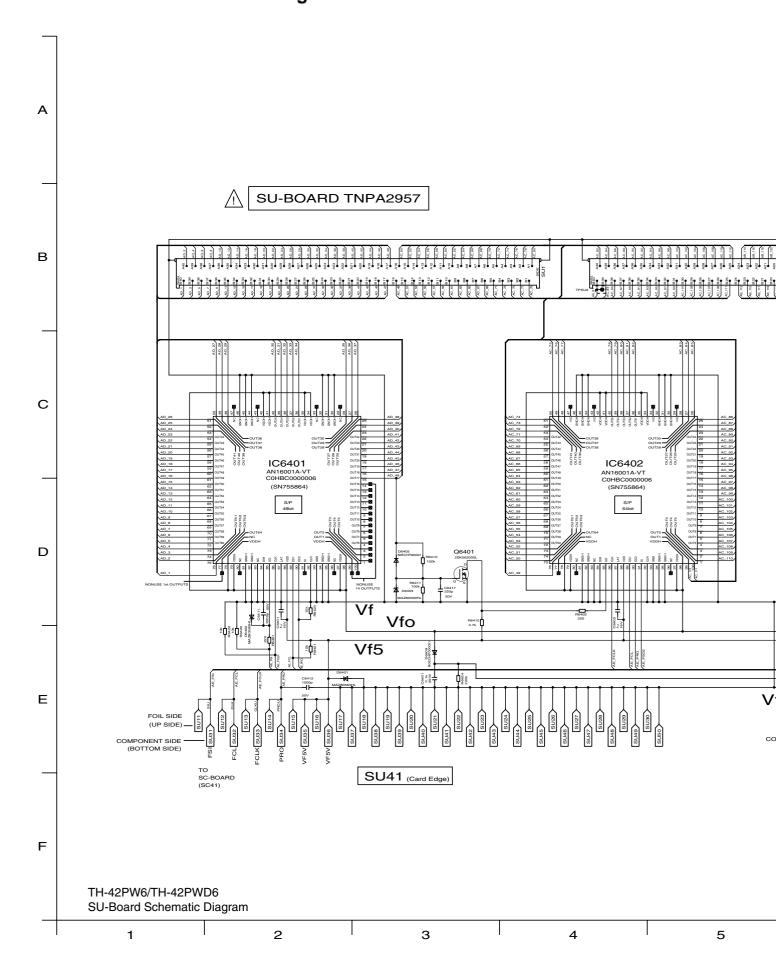
To 2nd 80pins of SCAN ELECTRODES

To 3rd 80pins of SCAN ELECTRODES

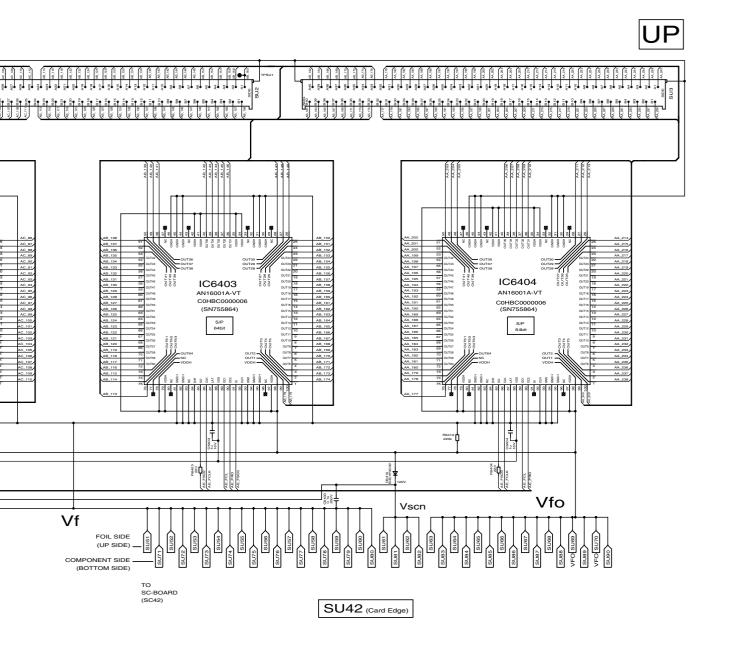
> TH-42PW6/TH-42PWD6 SU-Board Block Diagram

4 5 6 7 8

## 14.36. SU-Board Schematic Diagram

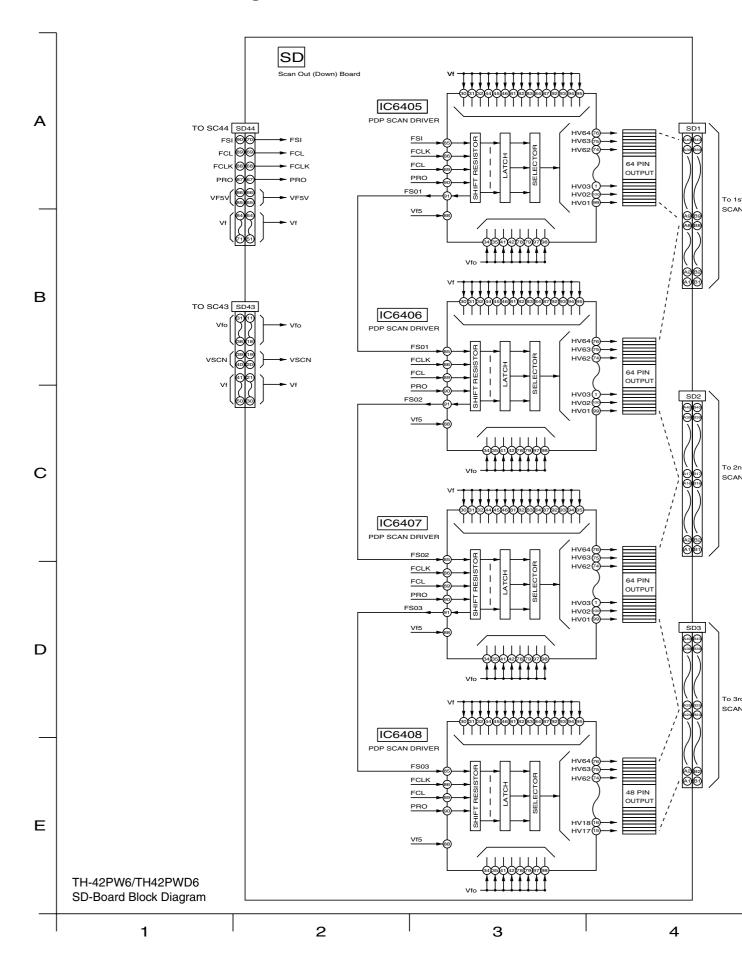


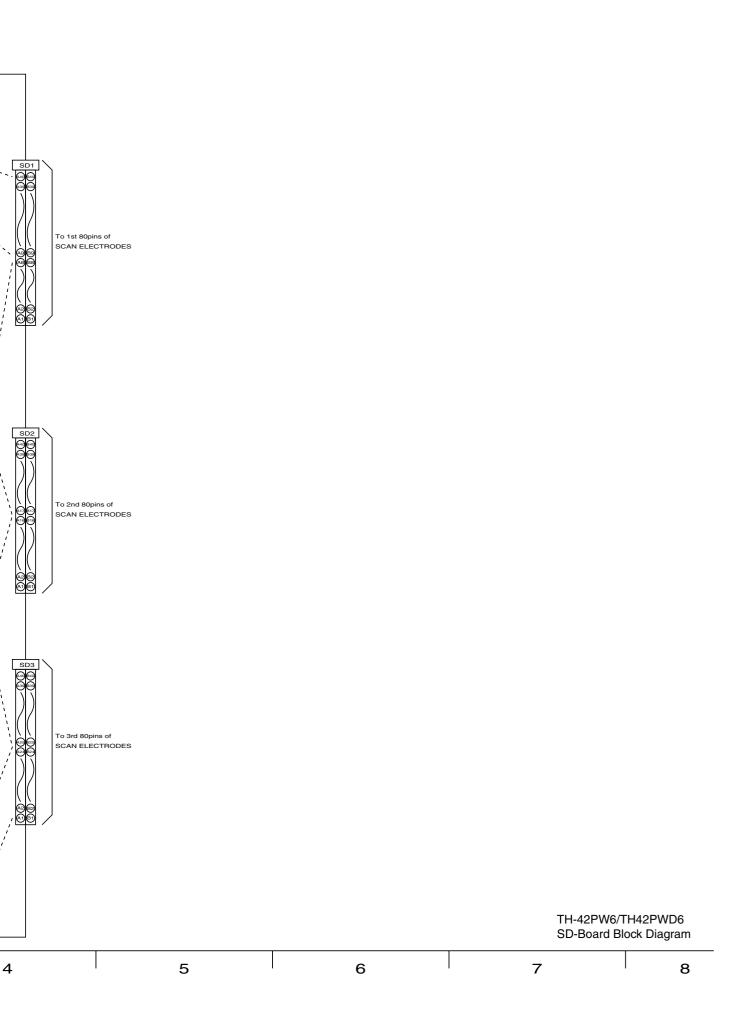




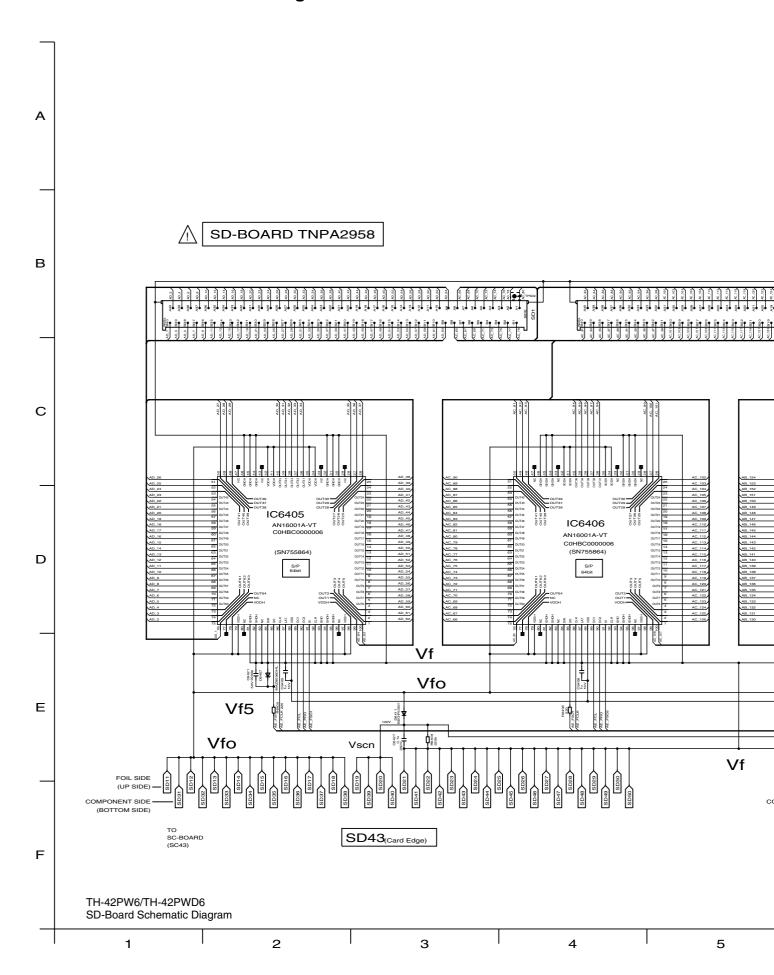


#### 14.37. SD-Board Block Diagram

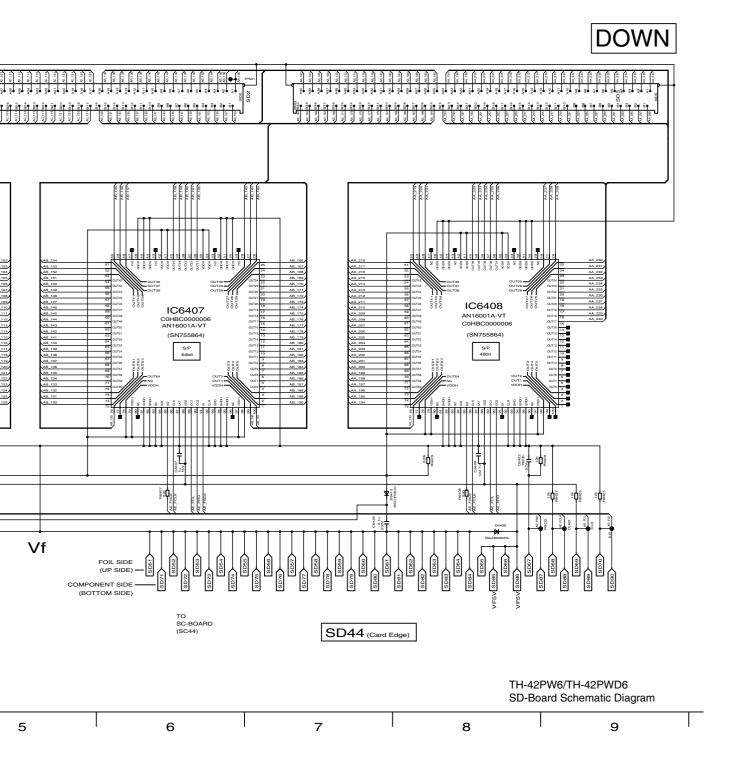




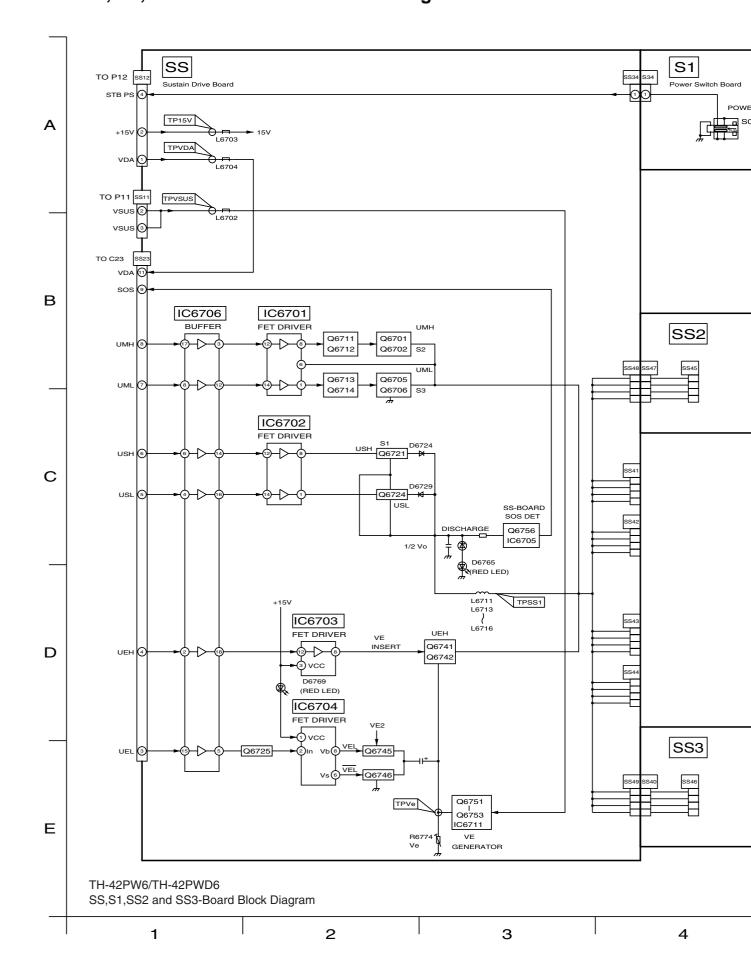
## 14.38. SD-Board Schematic Diagram



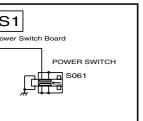


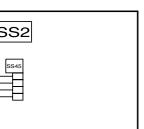


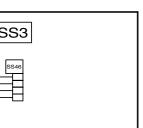
# 14.39. SS, S1, SS2 and SS3-Board Block Diagram









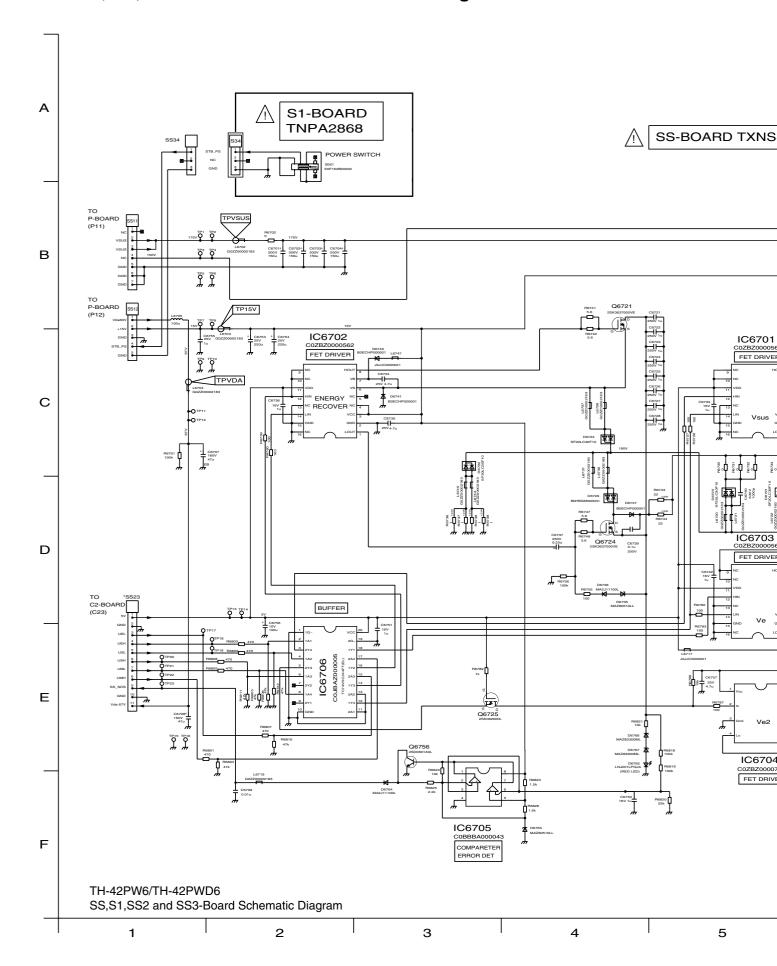


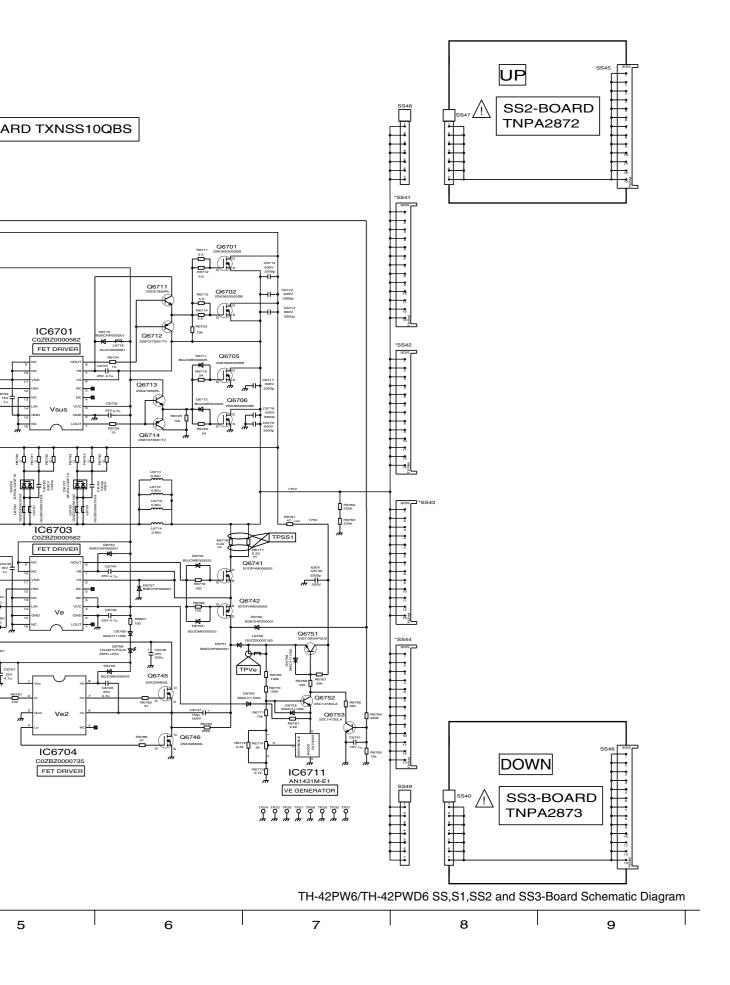
TH-42PW6/TH-42PWD6 SS,S1,SS2 and SS3-Board Block Diagram

4 5 6 7 8

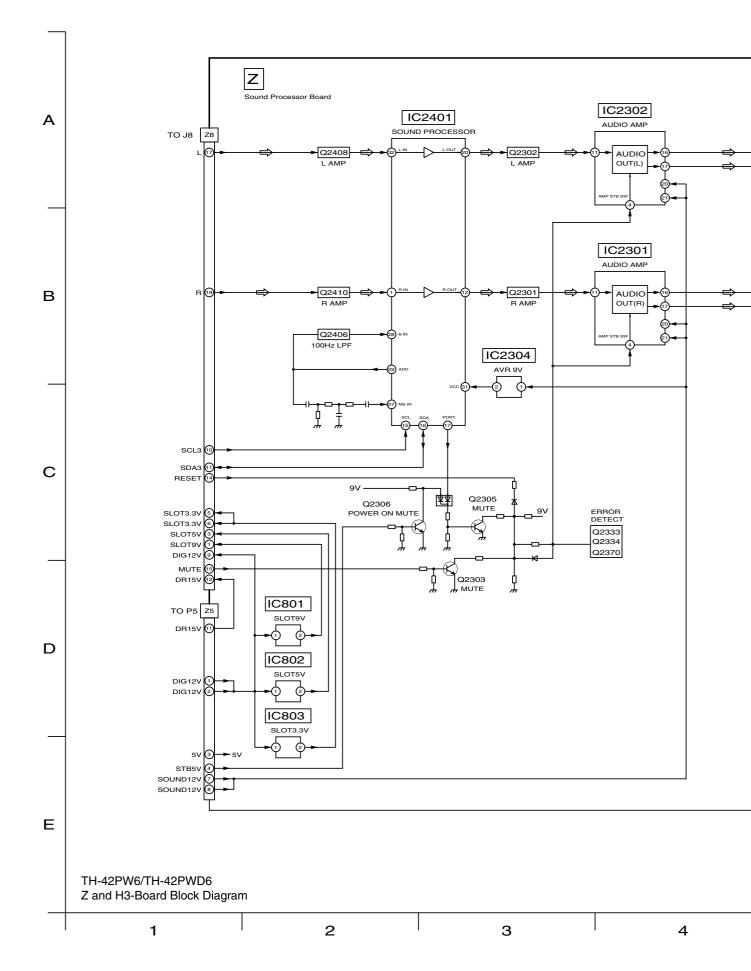
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## 14.40. SS, S1, SS2 and SS3-Board Schematic Diagram

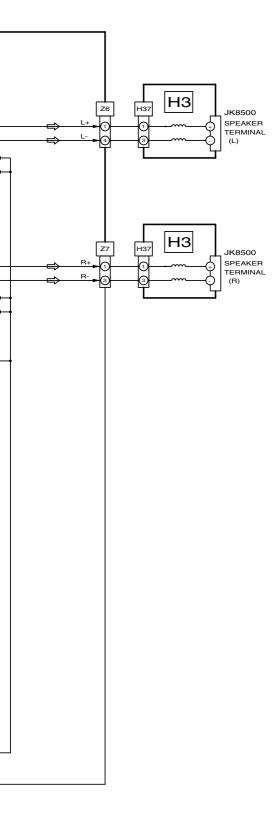




## 14.41. Z and H3-Board Block Diagram





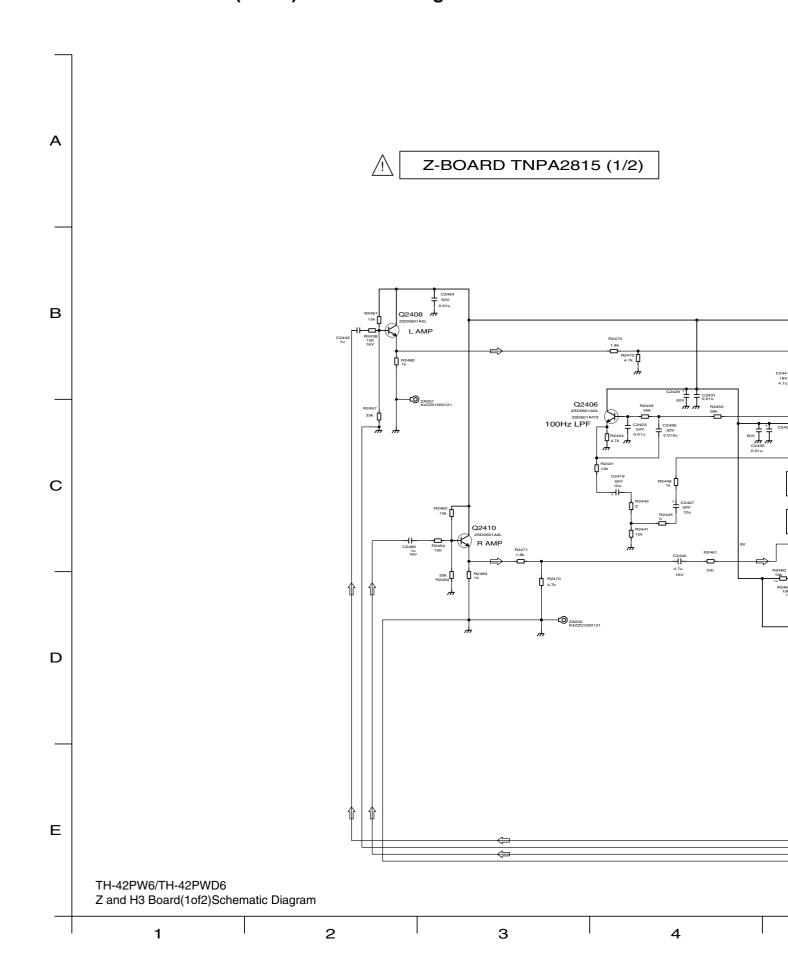


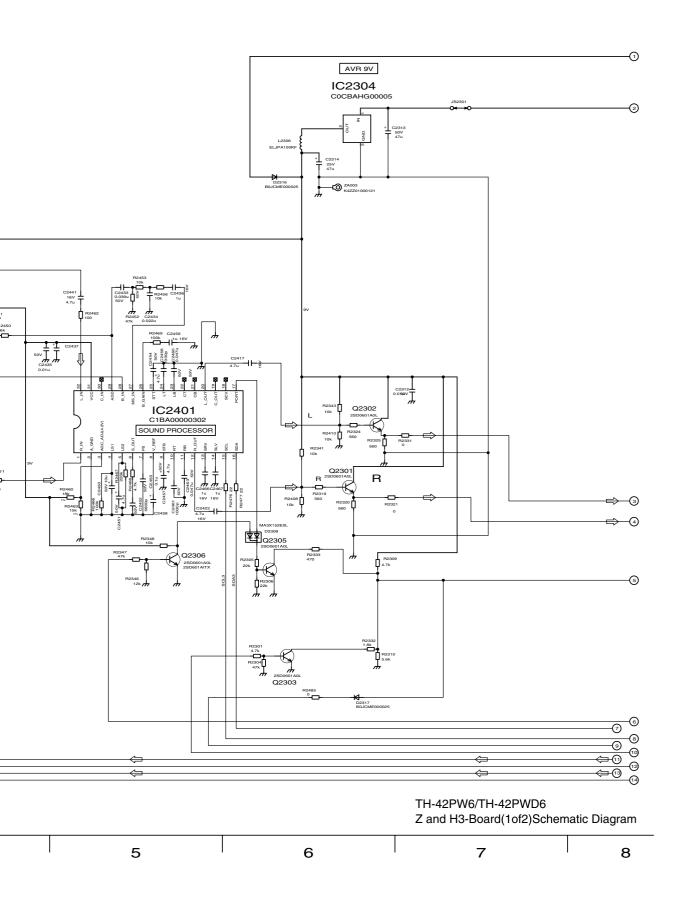
TH-42PW6/TH-42PWD6 Z and H3-Board Block Diagram

4 5 6 7 8

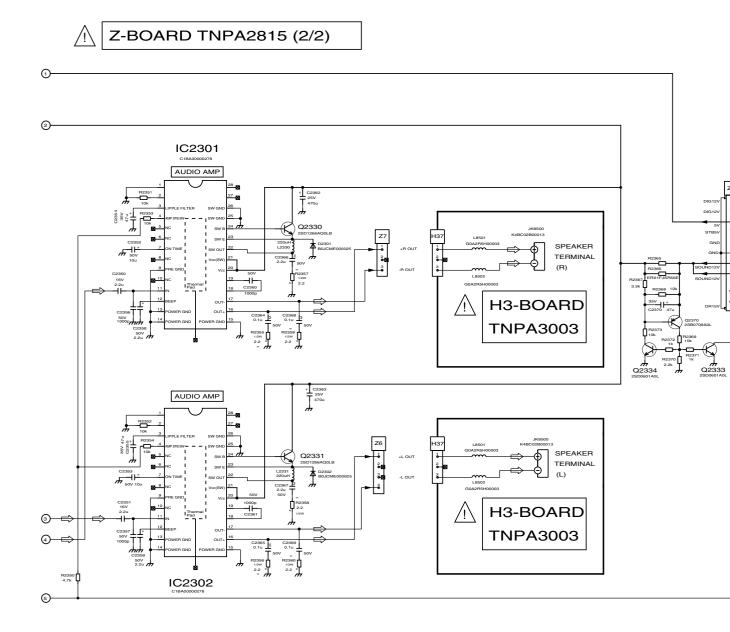
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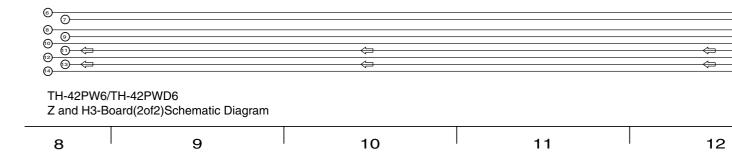
# 14.42. Z and H3-Board (1 of 2) Schematic Diagram



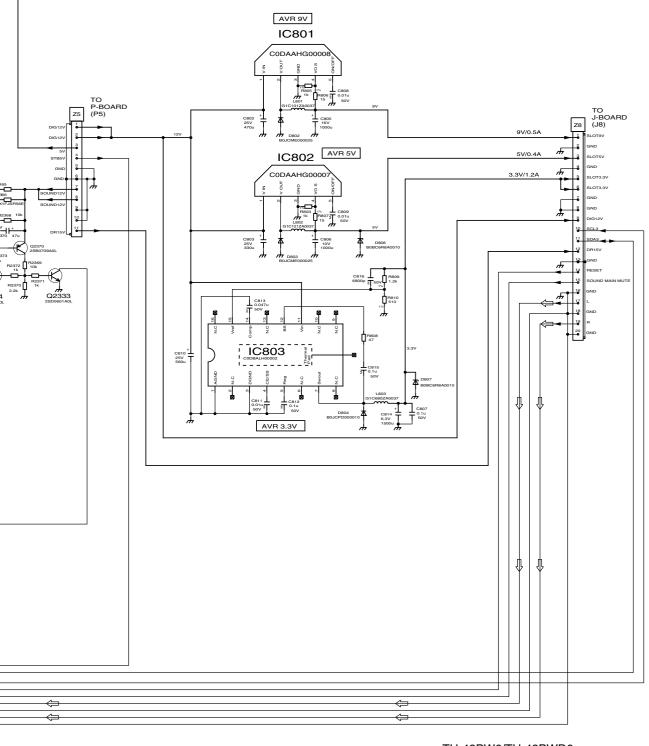


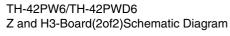
## 14.43. Z and H3-Board (2 of 2) Schematic Diagram











12 13 14 15

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	RGB(PC)  Gray Scale Pattern  Black 2 % Black 0 %		Picture: Normal White balance: Cool Aspect: 16:9 COMPONENT /RGB-IN: RGB	G cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright 1 Chroma Control: Gun off RGB Sub Adjust: B Sub Bright 1 Chroma Control:	
2	Component (525i, 525p, 625i, 720i or 1080i)  Gray Scale Pattern  Black 2 % Black 0 %		White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to Component signal.  2) Repeat procedure 1) to 7) of RGB input signal.

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	RGB(PC) Gray Scale Pattern  Black 2 % Black 0 %		Picture: Normal White balance: Cool Aspect: 16:9 COMPONENT /RGB-IN: RGB	G cut off B cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright 2 Chroma Control: Gun off RGB Sub Adjust: B Sub Bright 2 Chroma Control: Gun off RGB Sub Adjust:	<ul> <li>** Adjust at the dark room.</li> <li>1) Press the SWAP button, change input to signal path.</li> <li>2) Set R,G and B cut off to "</li> <li>3) Set Gun off to "5". (Only green pixels can emit.)</li> <li>4) Adjust G Sub bright to start some of green pixels emission at black 2% area and no emission at black 0% area.</li> <li>5) Set Gun off to "3". (Only blue pixels can emit.)</li> <li>6) Adjust B Sub bright to start some of blue pixels emission at black 2% area and no emission at black 0% area.</li> <li>7) Set Gun off to "6". (Only red pixels can emit.)</li> <li>8) Adjust R Sub bright to start some of red pixels emission at black 2% area and no emission at black 0% area.</li> </ul>
2	Component (525i, 525p, 625i, 720i or 1080i)  Gray Scale Pattern  Black 2 % Black 0 %		White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to Component signal.  2) Repeat procedure 1) to 7) of RGB input signal.

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m2.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig01.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3		White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.	
4			Picture: Normal White balance: Cool Aspect: 16:9		1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PAL Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m2.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig02.</li> <li>9) Repeat procedure 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: Cool Aspect: 16:9	_	1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

		Equipment	Setting	Alignment menu	Procedure
5			Picture: Normal Aspect: 16:9		Write down each color temaparature of R,G,B drive and Cut off data as follows.
			White balance: Cool Normal Warm		White Balance Cool Normal Warm R Drive G Drive B Drive R Cut off G Cut off B Cut off
	SECAM signal				<ul><li>2) Input SECAM signal.</li><li>3) Copy PAL R,G,B drive and cut off data of each white balance mode to SECAM position.</li></ul>

	INPUT	Equipment	Setting	Alignment menu	Procedure
	PC Gray Scale Pattern  High light 75%  Low light 15%	Color Analyzer	White balance: <b>Cool</b> Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m².</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to "D8".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig03.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: <b>Cool</b> Aspect: 16:9		1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

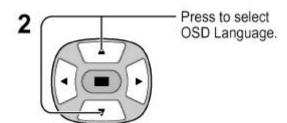
	INPUT	Equipment	Setting	Alignment menu	Procedure						
5			Picture: Normal Aspect: 16:9		Write down each color temaparature of R,G,B drive and Cut off data as follows.						
	RGB Gray Scale Pattern High light 75% - Low light 15%		White balance: Cool Normal Warm		White Balance Cool Normal Warm R Drive G Drive B Drive R Cut off G Cut off B Cut off B Cut off  2) Input RGB signal.  3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.						
6	DVI Gray Scale Pattern High light 75% - Low light 15%		Picture: Normal Aspect: 16:9 White balance: Cool Normal Warm		1) Write down each color temaparature of R,G,B drive and Cut off data as follows.    White						

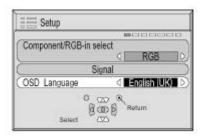
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	HD (720i or 1080i) Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m².</li> <li>6) Find 75% of white area by color sensor.</li> <li>7) Set G Drive to "D8".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig04.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: <b>Cool</b> Aspect: 16:9		1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

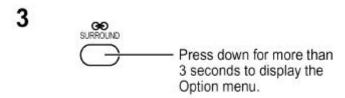
	INPUT	Equipment	Setting	Alignment menu	Procedure								
5			Picture: Normal Aspect: 16:9		Write down each color temaparature of R,G,B drive and Cut off data as follows.      White     Balance								
	RGB	ļ	White balance: Cool			R Drive	Cool	Normal	vvarm	_			
	Gray Scale		Normal	1		G Drive				-			
	Pattern		Warm	1		B Drive							
				1		R Cut off							
				1		G Cut off							
	$\circ$			1		B Cut off							
7	High light 75% - Low light 15%				2)Ch	ange input siç opy HD drive a lance mode to	and cut off d	ata of each	white				
6			Picture: Normal Aspect: 16:9			rite down eac t off data as fo		aparature of	R,G,B drive	e and			
				1		White							
			White balance:	1		Balance	Cool	Normal	Warm				
	RGB		Cool	1		R Drive							
	Gray Scale		Normal	1		G Drive							
	Pattern		Warm	1		B Drive							
				1		R Cut off G Cut off				-			
	$\circ$			1		B Cut off				_			
	High light 75%			ı		ange input siç	I gnal to 525p	and 625i.		1			
4	- Low light 15%					opy HD drive a lance mode to			white				
7			Picture: Normal Aspect: 16:9	l	Cut	rite down eac t off data as fo		aparature of	R,G,B drive	e and			
				1		White		[ <u>,                                    </u>					
	DOD	į	White balance:			Balance	Cool	Normal	Warm	-			
	RGB Gray Scale		Cool Normal	1		R Drive G Drive				-[			
	Pattern		Normai Warm			B Drive	<del> </del>			1			
	. attorn		vvai III			R Cut off	<del> </del>			1			
				1		G Cut off				1			
	$\circ$			1		B Cut off				1			
				1			•			4			
	1 1	,		1	2)Ch:	ange input siç	anal to 625i	and 625p.					
/	/ / High light 75%			1	_, _,	g p a oig	, 0201						
4	- Low light 15%	ļ		1	3) Cc	py HD drive a	and cut off d	ata of each	white				
	-	ļ		1		lance mode to							

### How to access the Option menu

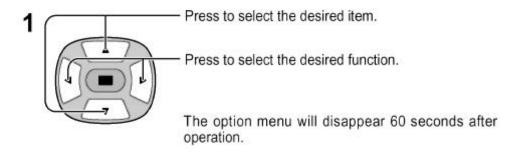
1 Press to display the Setup menu.







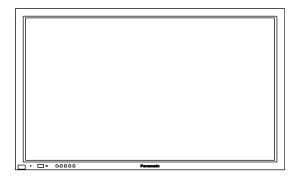
### Setting the Option menus





# Service Manual

Wide Plasma Display
-42PW6EX
-42PW6BX



TH-42PW6EX TH-42PW6BX TH-42PWD6EX TH-42PWD6BX TH-42PWD6UY

**GP6D Chassis** 

### **Specifications**

Power Source: AC120V 50/60Hz (UY version)

AC220-240V 50/60Hz

(Except UY version model)

Power Consumption: 265 W

Save off 1.5 W, Save on 0.6 W (stand-by

condition)
(UY version)

Save off 1.8 W, Save on 0.8 W (stand-by

condition)

(Except UY version model)
0.4 W (Power off condition)

(UY version model)

0.6 W (Power off condition)(Except UY version model)

Plasma Display panel: Drive method AC type

16:9 aspect ratio

Contrast Ratio 4000:1

Screen size: 818 mm (W) x 461 mm (H)

939 mm (diagonal) (37 inch) 920 mm (W) × 518 mm (H) 1,056 mm (diagonal) (42 inch)

No. of pixels

408,960 (852 (W) x 480 (H))

 $[2,556 \times 480 \text{ dots}]$ 

Operating condition:

**Temperature** 34 °F - 104 °F (0 °C - 40 °C)

**Humidity** 20 % - 80 %

Horizontal scanning frequency 15.6 - 110kHz

Vertical scanning frequency 48 - 120Hz

Connection terminals:

A۷

Video in 1.0 Vp-p (75-ohm)

S-VIDEO IN Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p

(MINI DIN 4PIN) (75-ohm)

AUDIO IN 0.5 Vrms (high impedance)

(RCA PIN JACK  $\times$  2)

COMPONENT/RGB

Y/G 1.0 Vp-p/composite (75-ohm)

0.7 Vp-p/non-composite (75-ohm)

 $P_B/B$  0.7 Vp-p (75-ohm)  $P_R/R$  0.7 Vp-p (75-ohm)

HD 1.0 - 5.0 Vp-p (high impedance)
VD 1.0 - 5.0 Vp-p (high impedance)
AUDIO IN 0.5 Vrms (high impedance)

(RCA PIN JACK×2)

PC

(HIGH-DENSITY R,G,B/0.7 Vp-p (75-ohm)

D-SUB15PIN)

HD, VD/1.0 - 5.0 Vp-p (high

impedance)

AUDIO IN (M3 JACK)

0.5Vrms (high impedance)

**SERIAL** 

EXTERNAL CONTROL

**RS-232C COMPATIBLE** 

TERMINAL (D-SUB9PIN)



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SPEAKERS (External speakers) (6Ω)

16W [8W+8W] (10% THD)

Weight (Mass)

approx. 28.9 kg net (main unit only) approx. 33.1 kg net (with speakers)

Dimensions (W×H×D): 1,020 mm × 610 mm 89 mm

### **MARNING**

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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# Applicable cianale

1 /	Applicable signal	IS				
VIDEC	) input					
	signal name	horizontal frequency(kHz)	vertital frequency(Hz)			
1	NTSC	15.734	59.95	l		
2	PAL	15.625	50	ابد ) [	Mark:	
3	PAL60	15.734	59.95			ing the optional
4	SECAM	15.625	50			Board.
5	Modified NTSC	15.734	59.95		minai	board:
	able input signals for PC Inpu	•			<u> </u>	
, ibbiic	in the control of the	horizontal	vertital	<u> </u>		vyhan Mydti Caraan
	signal name	frequency(kHz)	frequency(Hz)	RGB	PC	when Multi Screen and Digital Zoom
1	525(480)/60i	15.73	59.94	*	*	*
2	525(480)/60p	31.47	59.94	*	*	*
3	625(575)/50i	15.63	50.00	*	*	*
4	625(575)/50p	31.25	50.00	*	*	*
5	750(720)/60p	45.00	60.00	*	*	*
6	750(720)/50p	37.50	50.00	*	*	*
7	1,125(1,080)/60i	33.75	59.94	*	*	*
8	1,125(1,080)/50i	28.13	50.00	*	*	*
9	1,125(1,080)/24p	27.00	24.00	*	*	
10	1,125(1,080)/24sF	27.00	48.00	*	*	*
11	1,250(1,080)/50i	31.25	50.00	*	*	*
12	640×400@70 Hz	31.47	70.00		*	*
13	640×480@60 Hz	31.47	59.94		*	*
14	Macintosh13"(640 × 480)	35.00	66.67		*	*
15	640×480@75 Hz	37.50	75.00		*	*
16	852×480@60 Hz	31.50	60.00		*	*
17	800×600@60 Hz	37.88	60.32		*	*
18	800×600@75 Hz	46.88	75.00		*	*
19	800×600@85 Hz	53.67	85.06		*	*
20	Macintosh16"(832 × 624)	49.73	74.55		*	*
21	1,024×768@60 Hz	48.36	60.00		*	*
22	1,024×768@70 Hz	56.48	70.07		*	*
23	1,024×768@75 Hz	60.02	75.03		*	*
24	1,024×768@85 Hz	68.68	85.00		*	*
25	Macintosh21"(1,152 × 870)	68.68	75.06		*	
26	1,280×1,024@60 Hz	63.98	60.02		*	
27	1,280×1,024@75 Hz	79.98	75.03		*	
28	1,280×1,024@85 Hz	91.15	85.02		*	
29	1,600×1,200@60 Hz	75.00	60.00		*	
30	1,0660×600@60 Hz	37.88	60.32		*	*
31	1,366×768@60 Hz	48.36	60.00		*	*

# 2 Safety Precautions

### 2.1. General Guidelines

- 1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
- 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
- 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

### 2.1.1. Leakage Current Cold Check

- Unplug the AC cord and connect a jumper between the two prongs on the plug.
- 2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between  $1 M \Omega$  and  $5.2 M \Omega$ .

When the exposed metal does not have a return path to the chassis, the reading must be  $\infty$ .

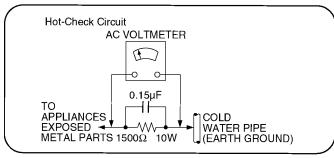


Figure 1

# 2.1.2. Leakage Current Hot Check (See Figure 1.)

- Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
- 2. Connect a  $1.5k\Omega$ , 10 watts resistor, in parallel with a  $0.15\mu F$  capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
- Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
- Check each exposed metallic part, and measure the voltage at each point.
- Reverse the AC plug in the AC outlet and repeat each of the above measurements.
- 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

# 3 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

- 1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
- 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
- 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
- 4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
- 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
- 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
- 7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

### Caution

Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.

8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

### **IMPORTANT SAFETY NOTICE**

There are special components used in this equipment which are imporant for safety.

These parts are marked by  $\triangle$  in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

# 4 About lead free solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead solder, and PbF will refer to Lead Free Solder.

The Lead Free Solder used in our manufacturing process and discussed below is (Sn+Ag+Cu).

That is Tin (Sn), Silver (Ag) and Copper (Cu) although other types are available.

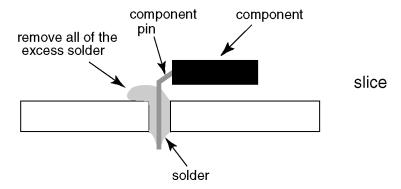
This model uses Pb Free solder in it's manufacture due to environmental conservation issues. For service and repair work, we'd suggest the use of Pb free solder as well, although Pb solder may be used.

PCBs manufactured using lead free solder will have the PbF within a leaf Symbol Fb stamped on the back of PCB.

### Caution

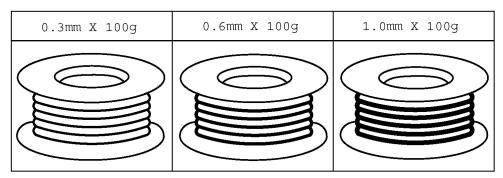
- Pb free solder has a higher melting point than standard solder. Typically the melting point is  $50 \sim 70$  °F ( $30\sim40$  °C) higher. Please use a high temperature soldering iron and set it to  $700 \pm 20$  °F ( $370 \pm 10$  °C).
- Pb free solder will tend to splash when heated too high (about 1100 °F or 600 °C).

  If you must use Pb solder, please completely remove all of the Pb free solder on the pins or solder area before applying Pb solder. If this is not practical, be sure to heat the Pb free solder until it melts, before applying Pb solder.
- After applying PbF solder to double layered boards, please check the component side for excess solder which may flow onto the opposite side. (see figure below)



### Suggested Pb free solder

There are several kinds of Pb free solder available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper), Sn+Zn+Bi (tin, zinc, bismuth) solder can also be used.



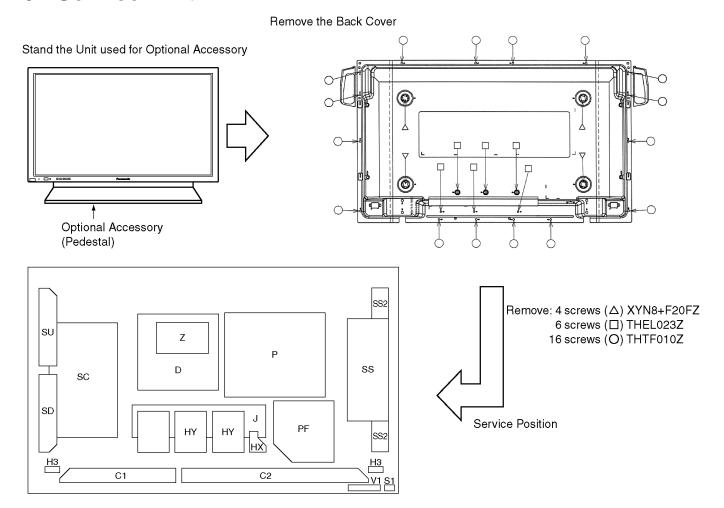
# 5 PCB Structure sheet of GP6D chassis

Board Name	Function	Remarks
D	Digital Signal Processor	1
J	Slot Interface & SYNC processor	1
Z	Audio out, DC-DC converter	
SS	Sustain Out	1
SC	Scan out	1
SU	Sustain connection (Upper)	1
SD	Sustain connection (Lower)	1
C1	Data Drive (Lower Right)	
C2	Data Drive (Lower Left)	
H3	Speaker terminal	
S1	Power switch	
SS2	Sustain connection (Upper)	
SS3	Sustain connection (Lower)	
V1	Front SW. & Remote receiver	
PF	Line filter	
Р	Power supply	1
HX	PC_type_Input terminal	
HY	BNC Composite/Component Video	2
HZ	BNC Component Video	3

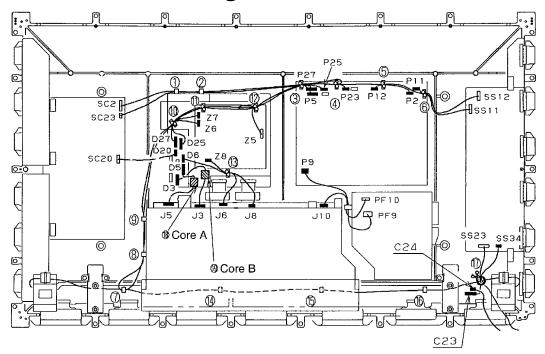
### Remarks

- 1. Recommend PCB's for initial service for GP6D chassis.
- 2. For System model except BX, EX version
- 3. For Consumer model except BX, EX version

# 6 Service Hint



# 7 Location of Lead Wiring



	CLAMPER	(1)	(a)	(3)	<b>(4)</b>	(5)	6	(7)	(8)	(9)	40	(1)	(13)	(13)	(1)	(E)	(16)	<del>(1)</del>	(18)	(10)
CON:NO —	CON:NO	$\square$	(2)	9	4	9	9	$\mathcal{O}$	9	9	W	$\Box$		(3)		(3)	9		9	(19)
SC2	— P2		$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$														
SC23	—— P23		$\bigcirc$		$\bigcirc$															
SC20	— D20																			
D27	— P27			$\bigcirc$							$\bigcirc$	$\bigcirc$	$\bigcirc$							
D25	—— P25										$\bigcirc$	$\bigcirc$	$\bigcirc$							
D3	— Јз																			$\bigcirc$
D25	— ЈЗ																			
Z8	—— J8																			
D5	—— J5																		$\bigcirc$	
Z5	—— Р5				$\bigcirc$								$\bigcirc$							
<b>Z</b> 7	—— H37 (SC SIDE)							$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$								
Z6	—— H37 (SS SIDE)							$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$	$\bigcirc$				$\bigcirc$	$\bigcirc$	$\bigcirc$		
P12	— SS12					$\bigcirc$	$\bigcirc$													
P11	— SS11						$\bigcirc$													
C23	— SS23																	$\bigcirc$		
POWER SW	v — SS34																	$\bigcirc$		

OWind up second times.

Connector Connection: P2, P5, P9, P11, P12, P23, P25, P27

Z6, Z7, Z8,

D3, D5, D6, D20, D25, D27

J3, J5, J6, J8, J10,

SS34, C23, C24

## 8 Adjustment Procedure

### 8.1. +B Set-up

### 8.1.1. Item / Preparation

1. Input a Grey scale signal.

2. Set the picture controls: -

Picture mode: Normal White balance: Normal

### 8.1.2. Adjustments

Adjust and confirm indicated test point for the specified voltage.

### **Adjust**

Name	Volume	Voltage	Test Point	Remarks
Vsus	R605	170V ± 1V	P11 pin 2	
Vda	R590	$67V \pm 0.5V$	P12 pin 1	

### Confirm

Name	Voltage	Test Point	Remarks
15V	15.4V ± 0.5V	P23 pin 1	
15V	15.2V ± 0.5V	P7 pin 1	
12V	11.8V ± 0.5V	P25 pin 1	
Audio 12V	12.5V ± 0.8V	P5 pin 7	
5V	5.1V ± 0.3V	P25 pin 5	
STB 5V	5.0V ± 0.3V	P27 pin 4	
Fan 15V	15.4V ± 0.5V	P10 pin 1	
Fan 5V	5.1V ± 0.3V	P10 pin 4	
PFC	380V ± 15V	C468(+), C468(-)	

### 8.2. Driver Set-up

### 8.2.1. Item / Preparation

1. Input an APL 100 % white signal.

Set the picture controls: 
 Picture mode: Normal
 White balance: Cool

Aspect: 16:9

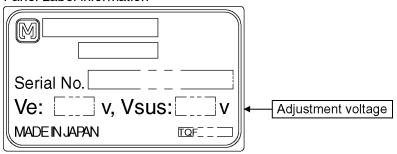
### 8.2.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Name	Test Point	Voltage	Volume	Remarks
Vsus	TPVSUS (SS)	170V ± 1V	R605 (P)	
Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)	
Ve	TPVE (SS)	158V ± 1V	R6774 (SS)	
Vset	TPVSET (SC)	218V ± 6V		
Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)	
Vscn	TPVSCN (SC)	Vad*+118V ± 2V		
Vda	TPVDA (SS)	67V ± 1V	R590 (P)	

<sup>\*</sup>See the Panel label.

### Panel Label information



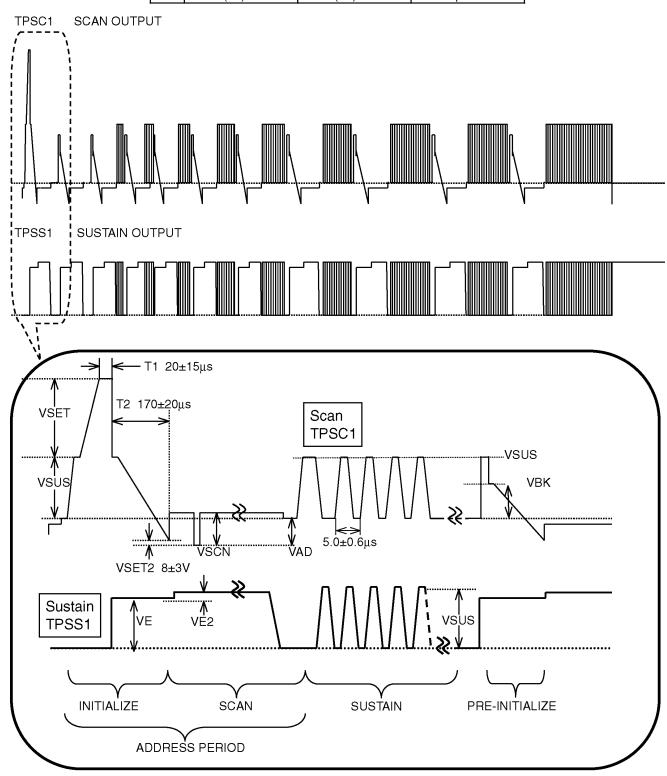
# 8.3. Initialization Pulse Adjust

- 1. Input a Cross hatch signal.
- 2. Set the picture controls: -

Picture mode: Normal White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	20 ± 15µ Sec
T2	TPSS1 (SS)	R6557 (SC)	170 ± 20µ Sec



# 8.4. P.C.B. (Printed Circuit Board) exchange

### 8.4.1. **Caution**

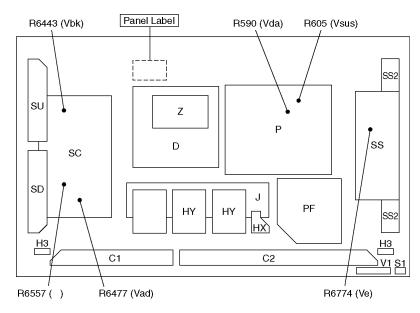
1. To remove P.C.B., wait 1 minute after power was off for discharge from electrolysis capacitors.

### 8.4.2. Quick adjustment after P.C.B. exchange

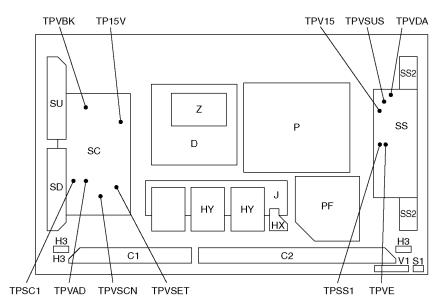
P.C.B.	Name	Test Point	Voltage	Volume	Remarks		
P Board	Vsus	TPVSUS (SS)	170V ± 1V	R605 (P)			
	Vda	TPVDA (SS)	67V ± 1V	R590 (P)			
SC Board	Vbk	TPVBK (SC)	155V ± 5V	R6443 (SC)			
	Vad	TPVAD (SC)	-90V ± 1V	R6477 (SC)			
	Vset	TPVSET (SC)	218V ± 6V				
	Vscn	TPVSCN (SC)	Vad + 118 ± 2V				
SS Board	Ve	TPVE (SS)	158V ± 1V	R6774 (SS)			
D, J Board White blance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625i signals							

<sup>\*</sup>See the Panel label.

### 8.5. Adjustment Volume Location



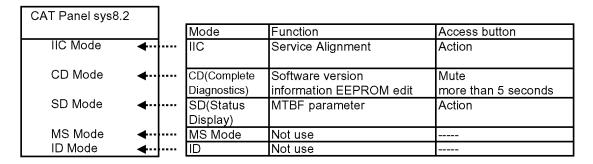
### 8.6. Test Point Location



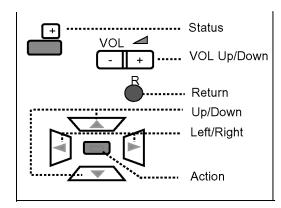
### 9 Service mode

### 9.1. CAT (computer Aided Test) mode

### CAT mode menu



### Remote control



### How to access the CAT mode.

Press and the hold the Volume down / - buton on the front panel of the unit and press the status button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT mode.

To exit the CAT mode, access the ID mode and switch off the main power.

### 9.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

# PAL: JUST Mid Panel W/B Adj. ---- Subject R-Drive ---- Item D5 D5 New data

..... Original data

### How to use the IIC mode.

- 1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
- 2 .Select the alignment **Item** by **Left/Right buttons** on the remote control.
- 3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
- 4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

Subject and item are mentioned on page 14.

To exit the IIC mode, press the R button on the remote control.

### 9.1.2. CD mode

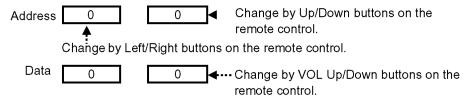
Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

### OSD MiCom Software version. 0.11 OK ------ Factory use 0.11 1 8 63 Memory data version D Memory data version H 21.05 78 3F Memory data change Address 0 0 Data New data 0 ...... Original data

Micom software version (IC9354), this version can be upgrade by

- 1. replace of new version IC
- 2. Loading the new version software from loader tool, TZSC07036.

Memory data change

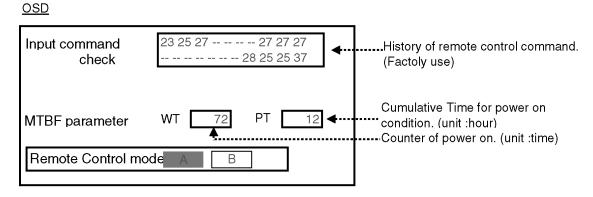


The data is memorized when switch off the main power.

To exit the CD mode, press the R button on the remote control.

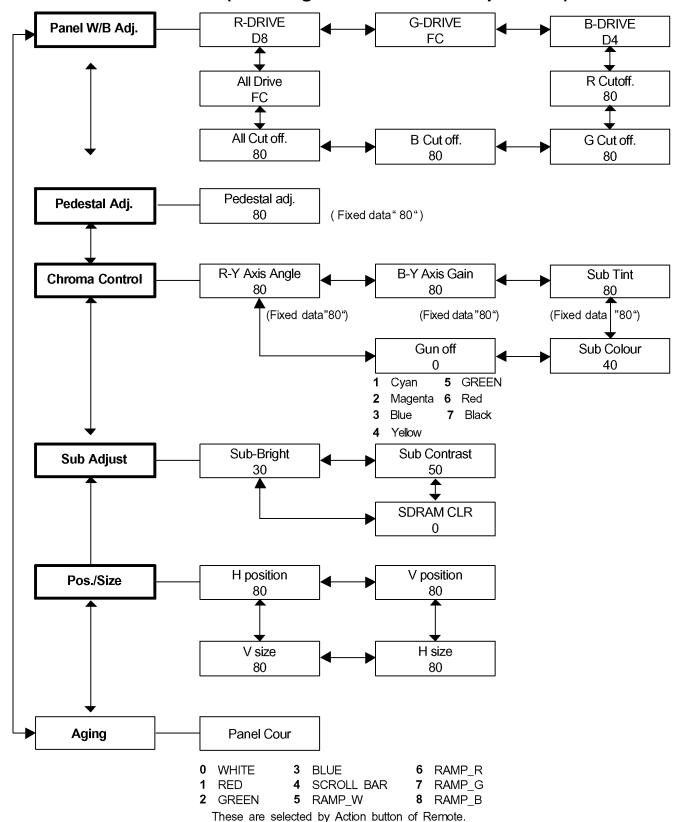
### 9.1.3. SD mode

Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.



To exit the SD mode, press the R button on the remote control.

### 9.2. IIC mode structure (following items value is sample data.)



# 10 Alignment

# 10.1. Pedestal setting (C)

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	RGB(PC) Gray Scale Pattern O Black 2 % Black 0 %		Picture: Normal White balance: Cool Aspect: 16:9 COMPONENT /RGB-IN: RGB	G cut off B cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright 1  Chroma Control: Gun off RGB Sub Adjust: B Sub Bright 1  Chroma Control: Gun off RGB Sub Adjust:	
2	Component (525i, 525p, 625i, 720i or 1080i) Gray Scale Pattern Black 2 % Black 0 %		White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to Component signal.  2) Repeat procedure 1) to 7) of RGB input signal.

### Note:

OSD is the difference between UY model and Except UY model.

Picture: Normal (Except UY)/Standard (UY model) White balance (Except UY)/Color Temp (UY model)

# 10.2. Pedestal setting (B)

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	RGB(PC) Gray Scale Pattern  Black 2 % Black 0 %		Picture: Normal White balance: Cool Aspect: 16:9 COMPONENT /RGB-IN: RGB	G cut off B cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright 2 Chroma Control: Gun off RGB Sub Adjust: B Sub Bright 2 Chroma Control: Gun off RGB Sub Adjust:	3) Set Gun off to "5". (Only green pixels can emit.)  4) Adjust G Sub bright to start some of green pixels emission at black 2% area and no emission at black 0% area.  5) Set Gun off to "3". (Only blue pixels can emit.)
2	Component (525i, 525p, 625i, 720i or 1080i)  Gray Scale Pattern  Black 2 % Black 0 %		White balance:	PANEL W/B R,G,B Drive	1) Change input to Component signal.  2) Repeat procedure 1) to 7) of RGB input signal.

### Note:

OSD is the difference between UY model and Except UY model.

Picture: Normal (Except UY)/Standard (UY model) White balance (Except UY)/Color Temp (UY model)

# 10.3. NTSC panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m<sub>2</sub>.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig01.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: Cool Aspect: 16:9		1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

# 10.4. PAL/SECAM panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PAL Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m2.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig02.</li> <li>9) Repeat procedure 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: Cool Aspect: 16:9	_	1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

	Equipment	Setting	Alignment menu	Procedure				
5		Picture: Normal Aspect: 16:9		Write down each color temaparature of Cut off data as follows.	of R,G,B drive ar			
		White balance: Cool Normal Warm		White Balance Cool Normal R Drive G Drive B Drive R Cut off G Cut off B Cut off	Warm			
SECAM signal				<ul><li>2) Input SECAM signal.</li><li>3) Copy PAL R,G,B drive and cut off dat balance mode to SECAM position.</li></ul>	a of each white			

# 10.5. PC/RGB panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PC Gray Scale Pattern High light 75% - Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m<sub>2</sub>.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig03.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: Cool Aspect: 16:9	_	1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

	INPUT	Equipment	Setting	Alignment menu	Procedure
5			Picture: Normal Aspect: 16:9		Write down each color temaparature of R,G,B drive and Cut off data as follows.
	RGB Gray Scale Pattern  High light 75% - Low light 15%		White balance: Cool Normal Warm		White Balance Cool Normal Warm R Drive G Drive B Drive R Cut off G Cut off B Cut off D Cut off B Cut off Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.
6			Picture: Normal Aspect: 16:9		Write down each color temaparature of R,G,B drive and Cut off data as follows.
	DVI Gray Scale Pattern High light 75% - Low light 15%		White balance: Cool Normal Warm		White Balance Cool Normal Warm R Drive G Drive B Drive R Cut off G Cut off B Cut off D Cut off B Cut off Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.

# 10.6. HD/ 525i /525p /625l /625P panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	HD (720i or 1080i) Gray Scale Pattern High light 75% – Low light 15%	Color Analyzer	Picture: Normal White balance: Cool Aspect: 16:9	PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright  PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive PANEL W/B	<ul> <li>5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m2.</li> <li>6)Find 75% of white area by color sensor.</li> <li>7) Set G Drive to " D8 ".</li> <li>8) Adjust B and R Drive to set color temperature as shown Fig04.</li> <li>9) Repeat item 4) to 7) to set both Low light and high light.</li> <li>10) Increase same steps of R, G and B Drive to set</li> </ul>
2			White balance:	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal".  2) Repeat procedure 3) to 11) of Cool mode.
3	Norma White balance:		PANEL W/B R,G,B Drive	1) Change white balance to "Warm".  2) Repeat procedure 3) to 11) of Cool mode.	
4			Picture: Normal White balance: Cool Aspect: 16:9	_	1) Change color templature to "Cool".  2)Re-set Sub bright to "30"

	INPUT	Equipment	Setting	Alignment menu	Procedure					
5			Picture: Normal Aspect: 16:9			Write down each color temaparature of R,G, Cut off data as follows.				and
						White				Ī
			White balance:			Balance	Cool	Normal	Warm	ļ
	RGB		Cool			R Drive				l
	Gray Scale Pattern		Normal Warm			G Drive B Drive				
	Pattern		wariii			R Cut off				ł
						G Cut off				
	$\circ$					B Cut off				1
	High light 75% - Low light 15%				2)Cha	ange input sign py HD drive a lance mode to	and cut off c	lata of each	white	
6			Picture: Normal Aspect: 16:9			rite down eac off data as fo		aparature of	R,G,B drive	and
						White				
			White balance:			Balance	Cool	Normal	Warm	
	RGB		Cool			R Drive				
	Gray Scale		Normal			G Drive				
	Pattern		Warm			B Drive				Į.
						R Cut off G Cut off				ł
	$\circ$					B Cut off				ł
	High light 75% - Low light 15%				2)Cha	ange input siç	and cut off c	lata of each	white	
					Da	lance mode to	o each sigh	ais position.		
7			Picture: Normal Aspect: 16:9		,	rite down eac off data as fo		aparature of	R,G,B drive	and
						White				Ī
			White balance:			Balance	Cool	Normal	Warm	
	RGB		Cool			R Drive				
	Gray Scale		Normal			G Drive	ļ			
	Pattern		Warm			B Drive R Cut off				ł
						G Cut off	<del> </del>			
	$\circ$					B Cut off	<del> </del>			1
	High light 75% - Low light 15%				2)Cha	ange input sig py HD drive a lance mode t	and cut off c	lata of each	white	

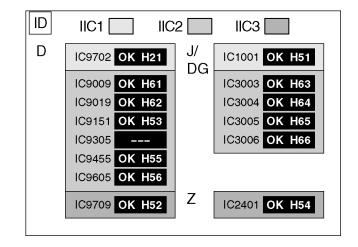
# 11 Trouble shooting guide

### 11.1. Self Check

### 11.1.1. Display Indication

- 1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
- 2. To get into the Self-check mode, press the volume down button on the customer controls at the front of the set, at the same time pressing the OFF-TIMER button on the remote control, and the screen will show :-

If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "



### 11.1.2. Power LED Blinking timing chart

1. Subject

Information of LED Flashing timing chart.

2. Contents

When an abnormality has occurred the unit, the protection circuit operates and reset to the stand by mode. At this time, the defective block can be identified by the number of blinkes of the Power LED on the front panel of the unit.

Blinking times	Blinking timing	Contents & Check point
1	Once 3 sec	Main Micom Power
2		SCAN Driver1
3		3.3V SOS
4		5V SOS
5		Power SOS
6		FAN
7		SCAN Driver2
8		TEMP (Not used)
9		SUS Driver

### 3. Remarks

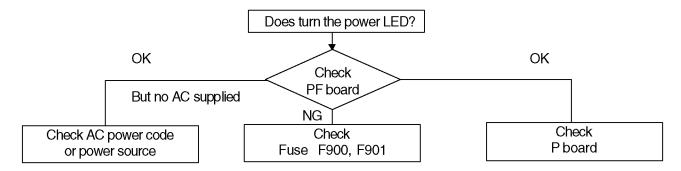
Above Fan function is operated during the fans are installed.

### **11.2.** No Power

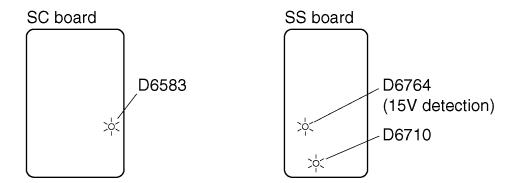
### First check point

There are following 3 states of No Power indication by power LED.

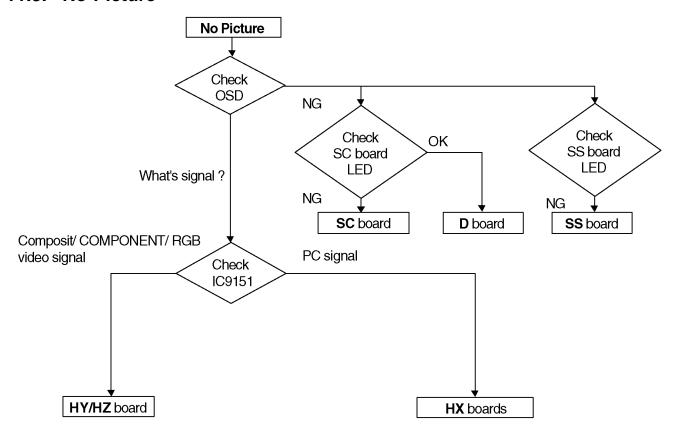
- 1 No lit
- 2. Green is lit then turns red blinking a few seconds later.
- 3. Only red is lit.
- 1. No lit



### Drive circuits LED indicator



### 11.3. No Picture



### 11.4. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.

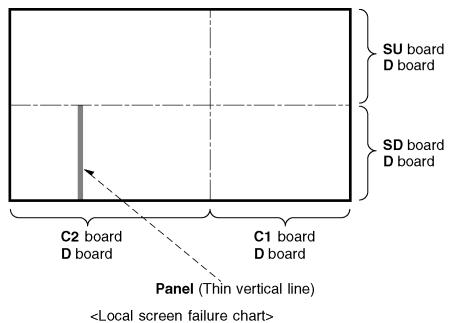
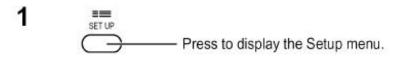
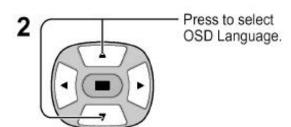


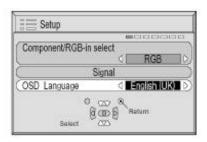
Fig - 1

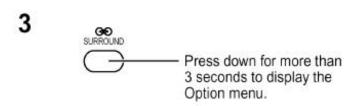
# 12 Option Setting

### How to access the Option menu

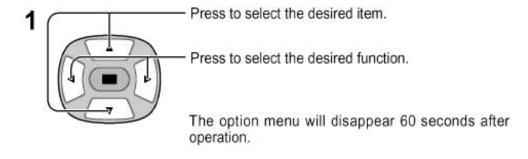








### Setting the Option menus





### Hidden Option Menu for GP6D series

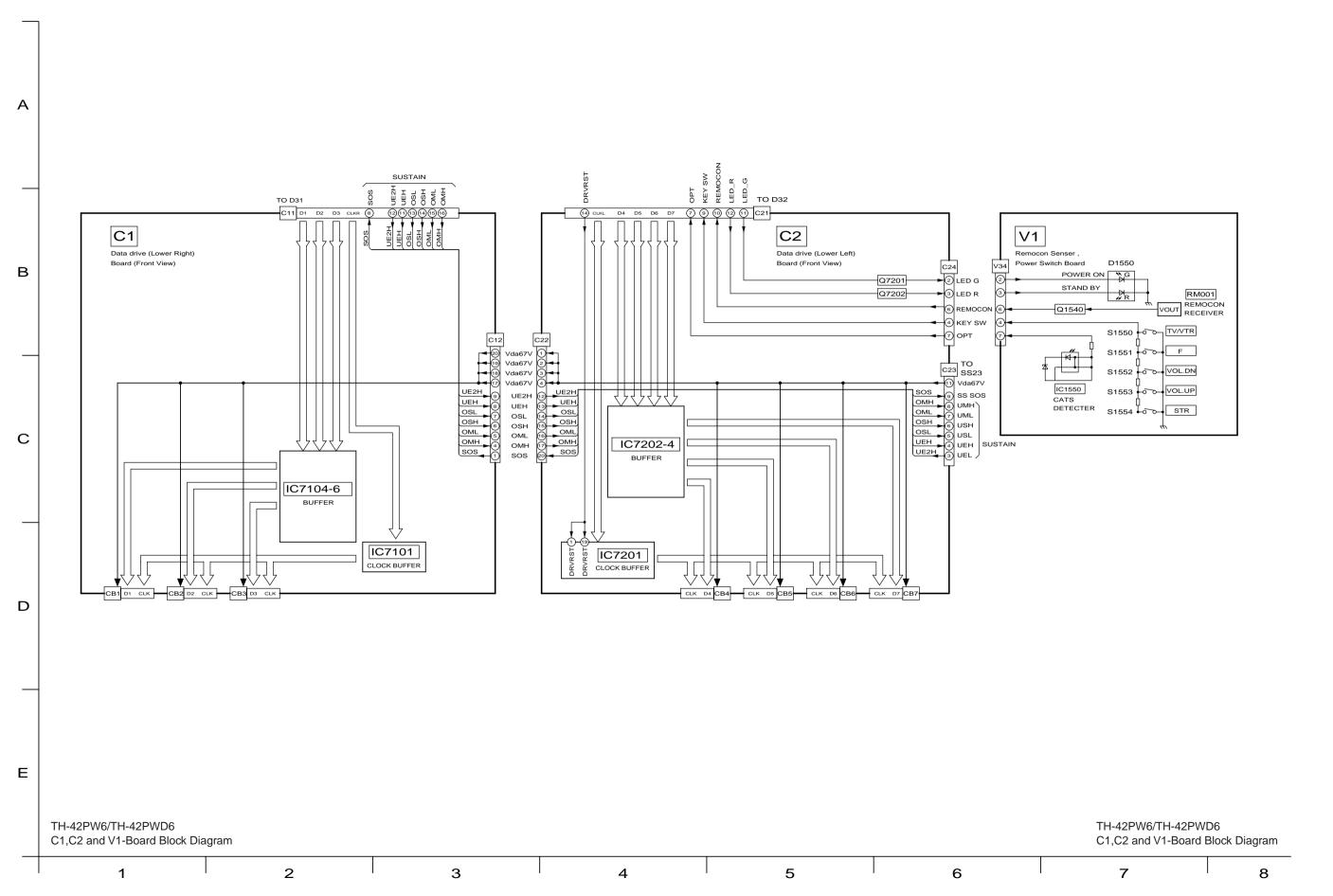
GP6D chassis series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these because of hidden On screen menu.

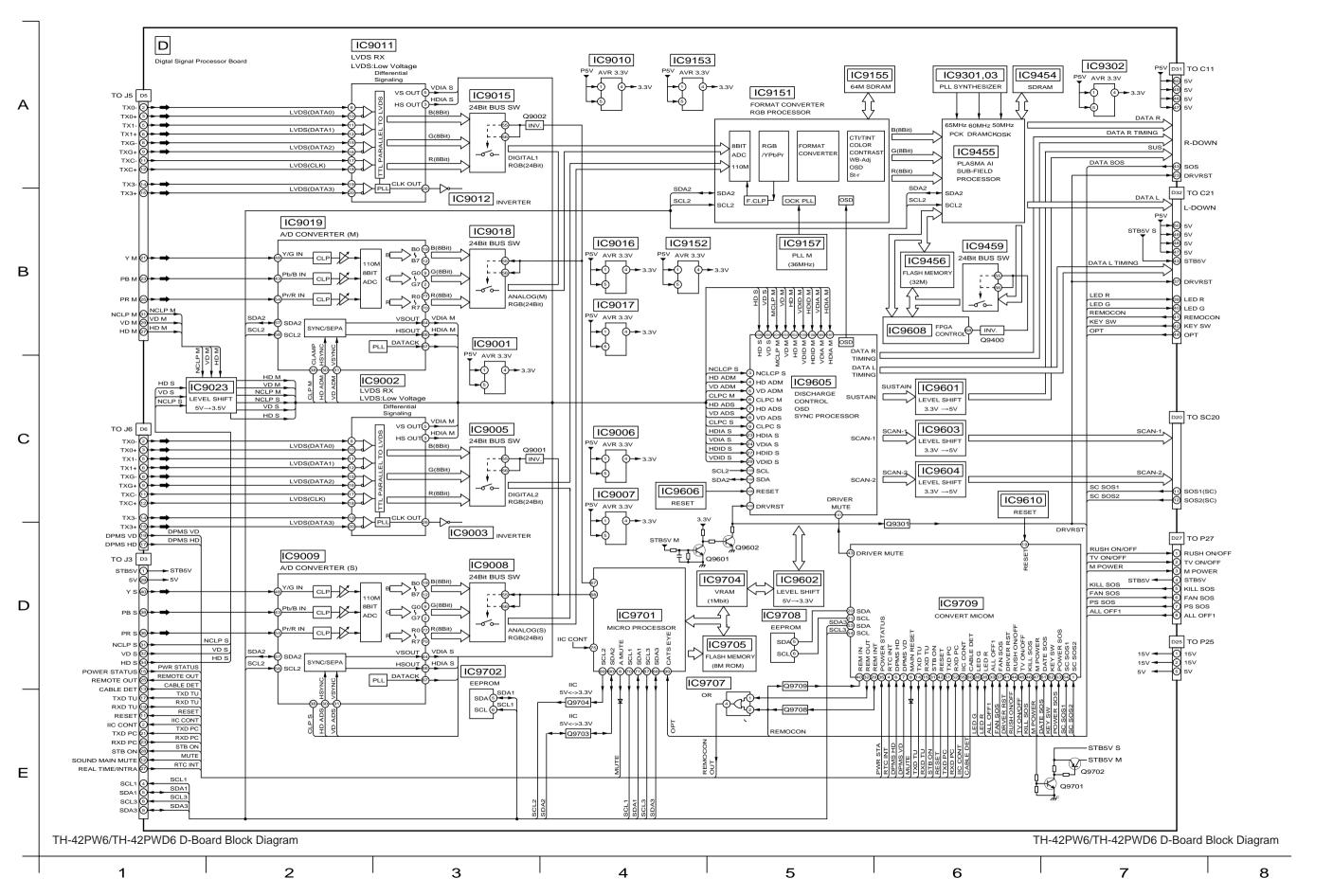
Option menus	default setting	Contents
Off-timer function	Enable	Off-timer operation Enable/Disable.
On Screen display	On	Enable/Disable to display input mode indication after power on and no signal indication.
Initial Input	Off	Sets the initial input mode when the power is turned on . Allow input mode selection while power is on.
Initial VOL. level	Off	Sets the initial volume level when the power is turned on. Allow Volume control while power is on.
Maximum VOL. Level	Off	Sets the maximum volume to desired level. Volume cannot exceed this level.
INPUT lock	Off	Fixes the input mode to AV, Component/RGB or PC. Can not change input mode by input selection key.
Button lock	Off	Enable/Disable front operation buttons (Input and/or volume up/down)
Studio W/B	Off	Set warm mode color temperature to 3,200 Kelvin.
Remocon User Level	Off	Remote key invalidation.  Off: Valid key is all key of remote.  User1: Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment.  User2: Valid key is only Stand-by (ON/OFF).  User3: All keys are null and void
ID Select	0 to 100	Set ID number from 001 to 100.
Remote ID	Off	Remote ID function On/Off. (While the Remote ID on, standard remote function can not control the unit.)
Serial	Off	Serial ID function On/Off
Slot power	Off	Sets the slot power mode the power is turned on. Allow Optional Terminal Board insert Slots while power is on.

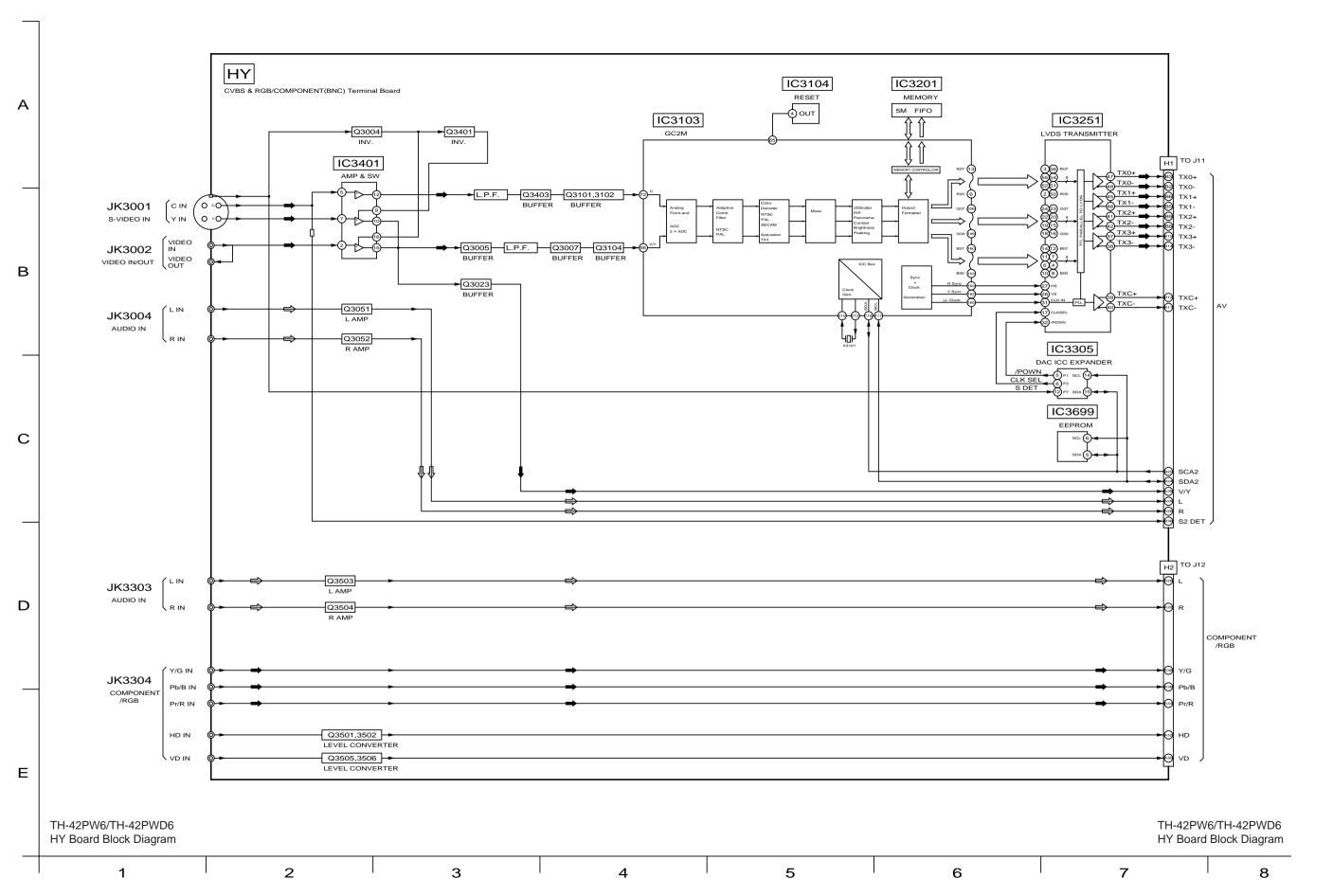
### Note:

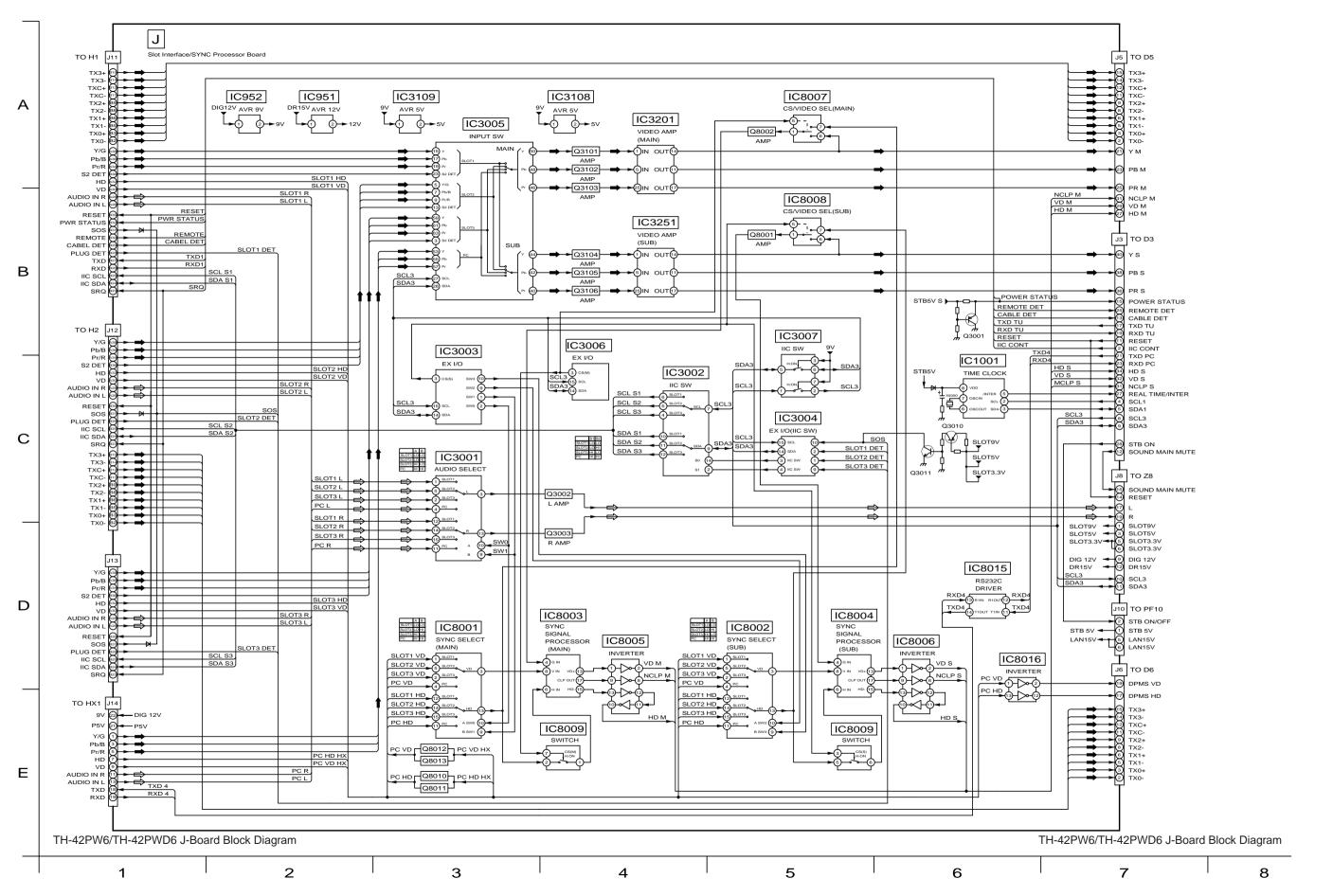
How to set Remocon User Level and Remote ID off

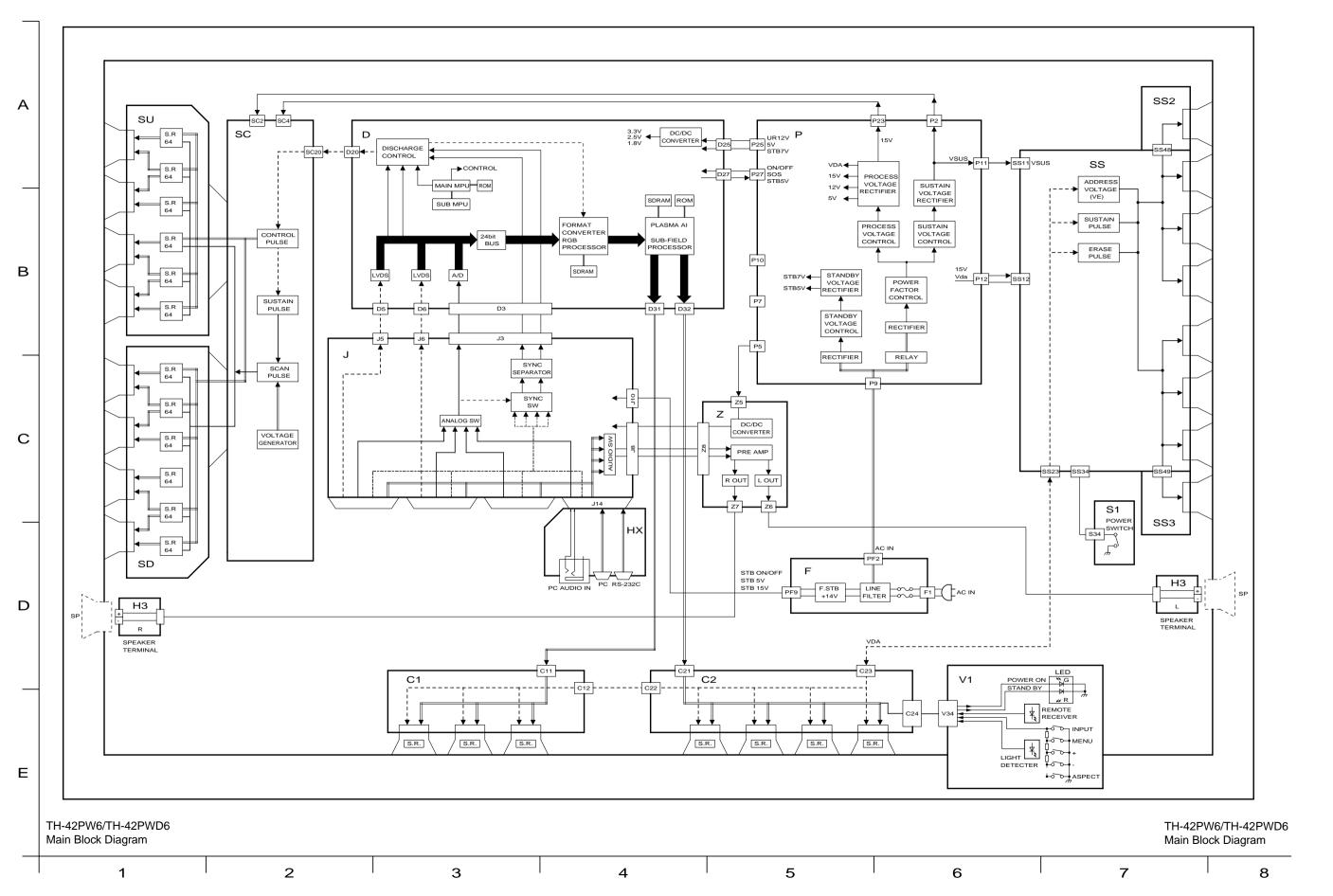
- 1. Access service mode (CAT-mode) and press SET UP key on remote.
- 2. Accsess Hidden option menu.
- 3. Change Remocon User Level and/ or Remote ID set to Off.

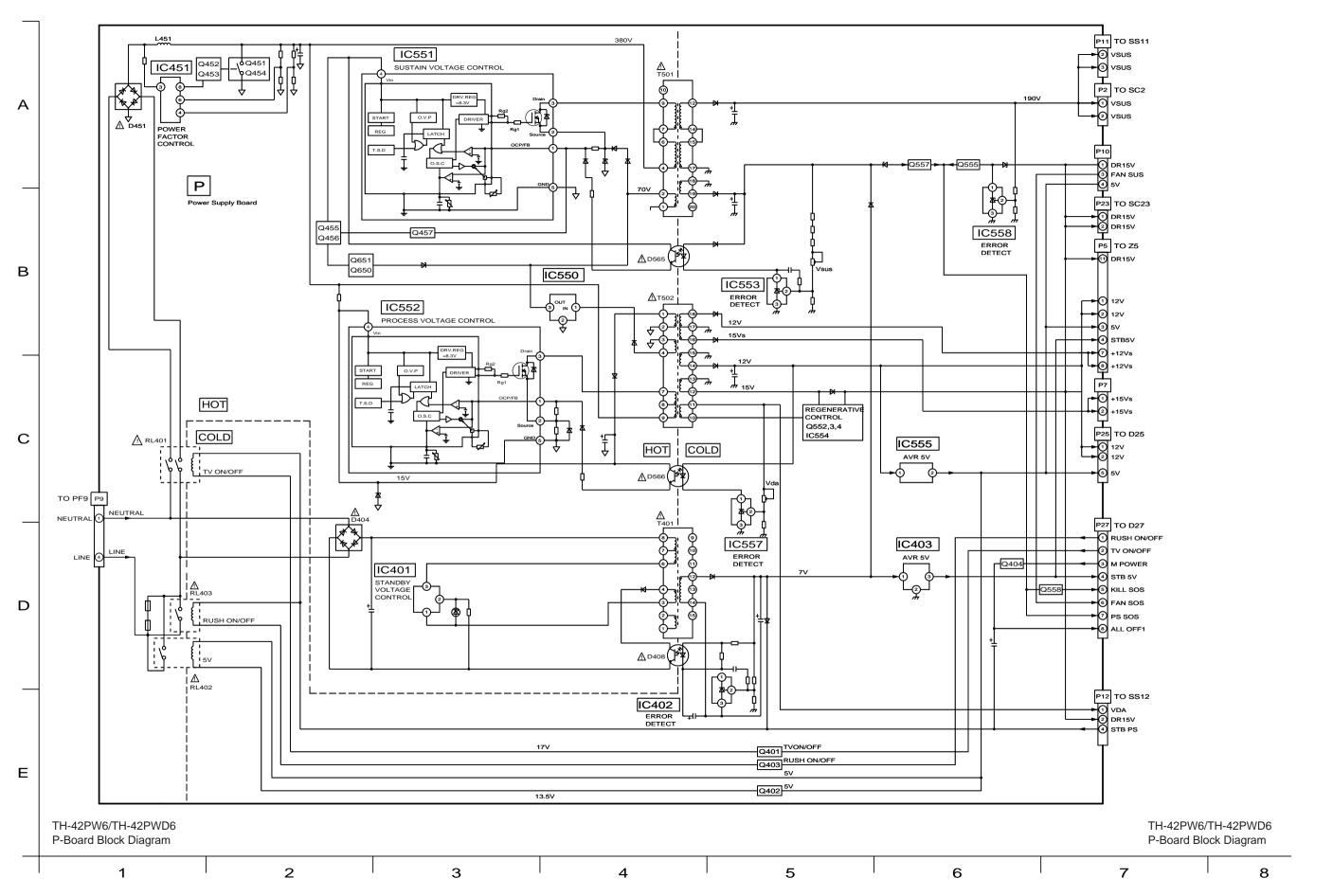


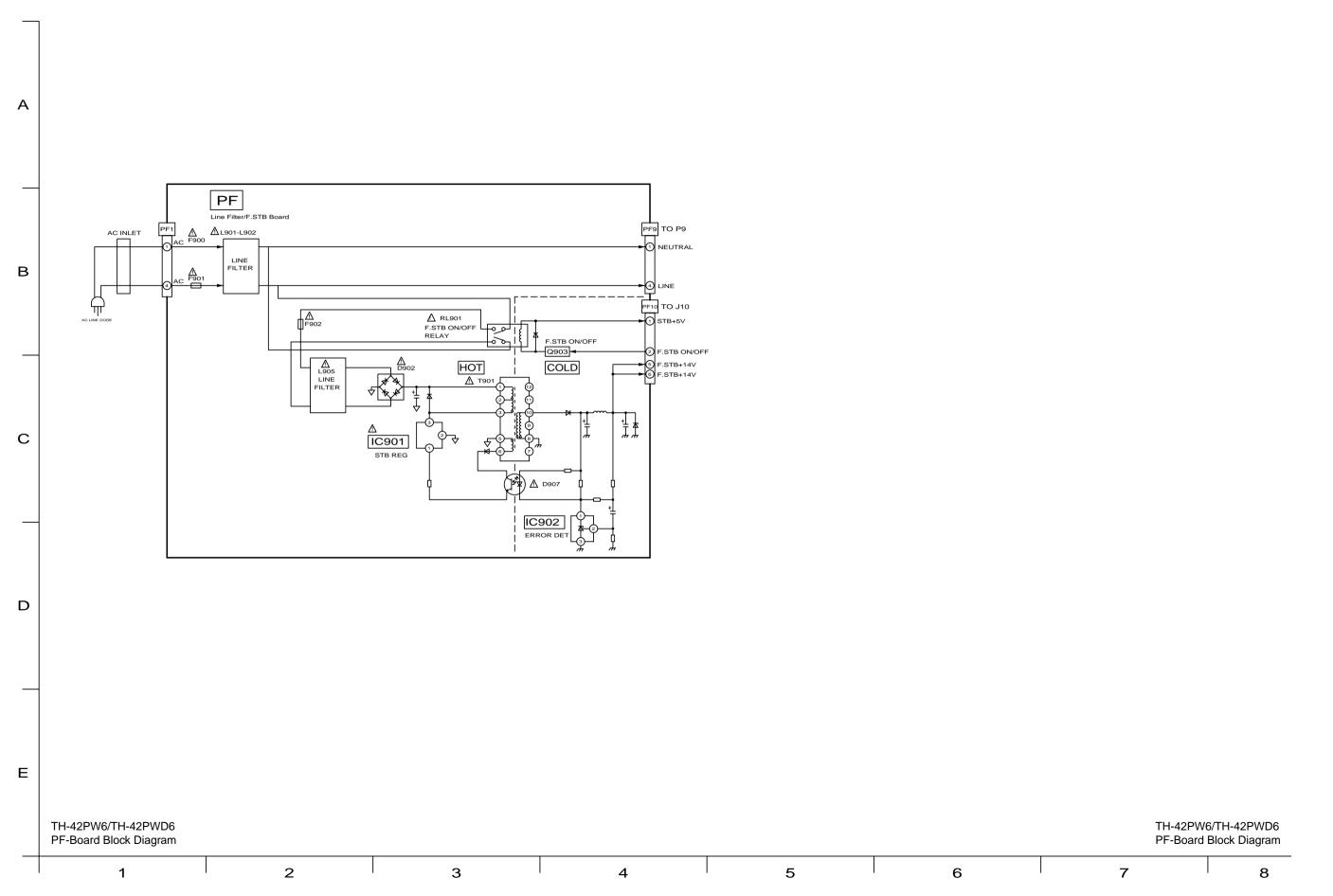


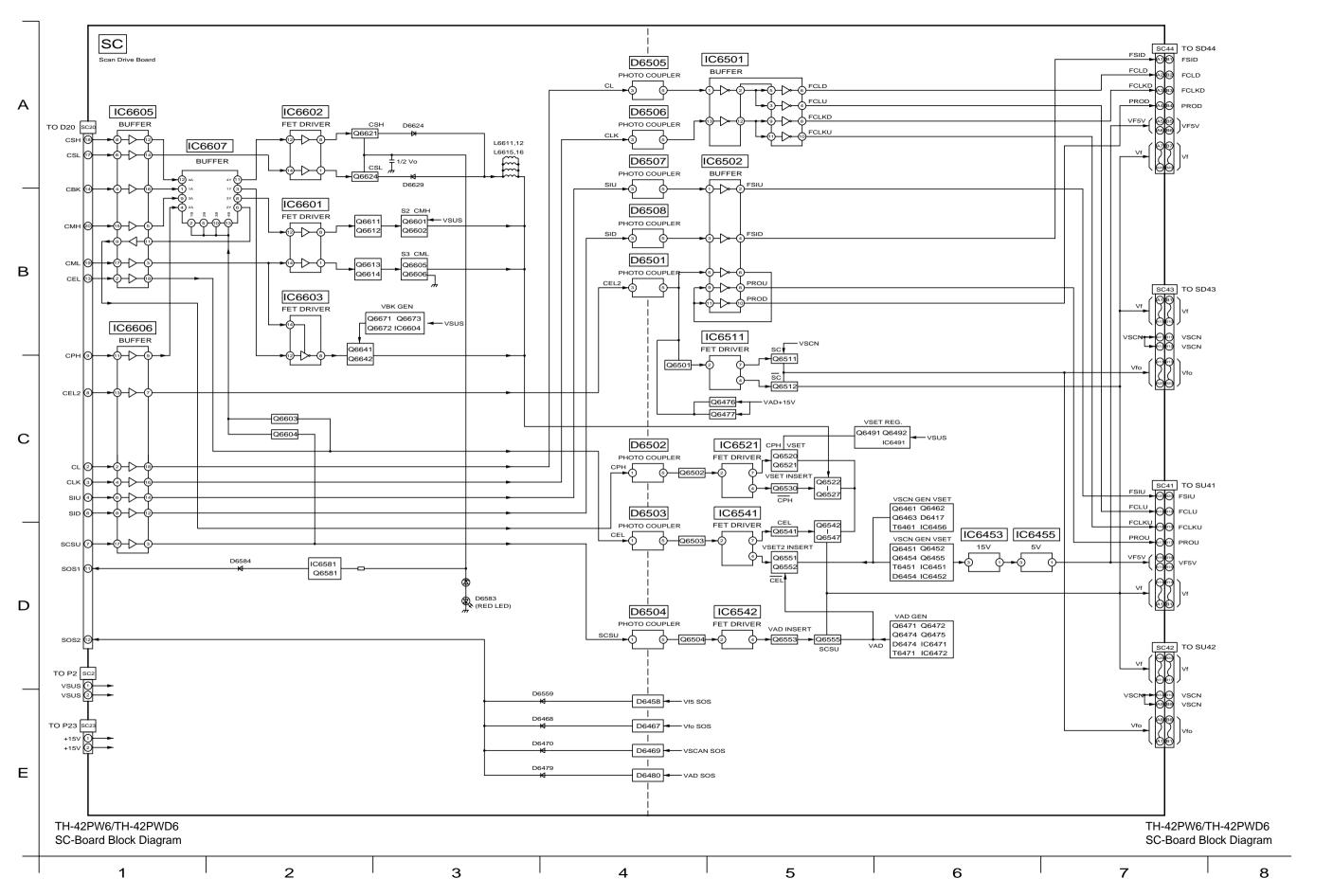


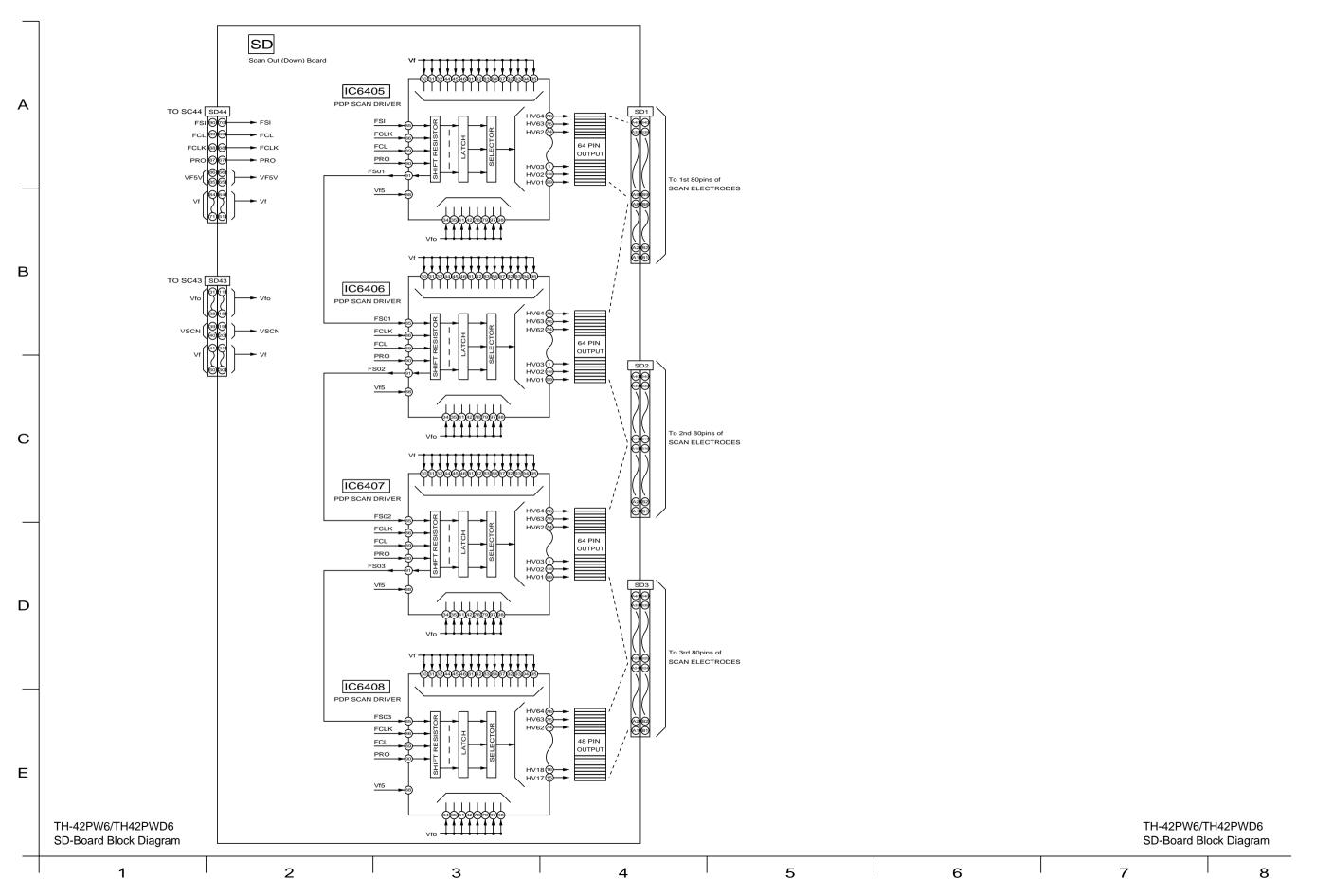


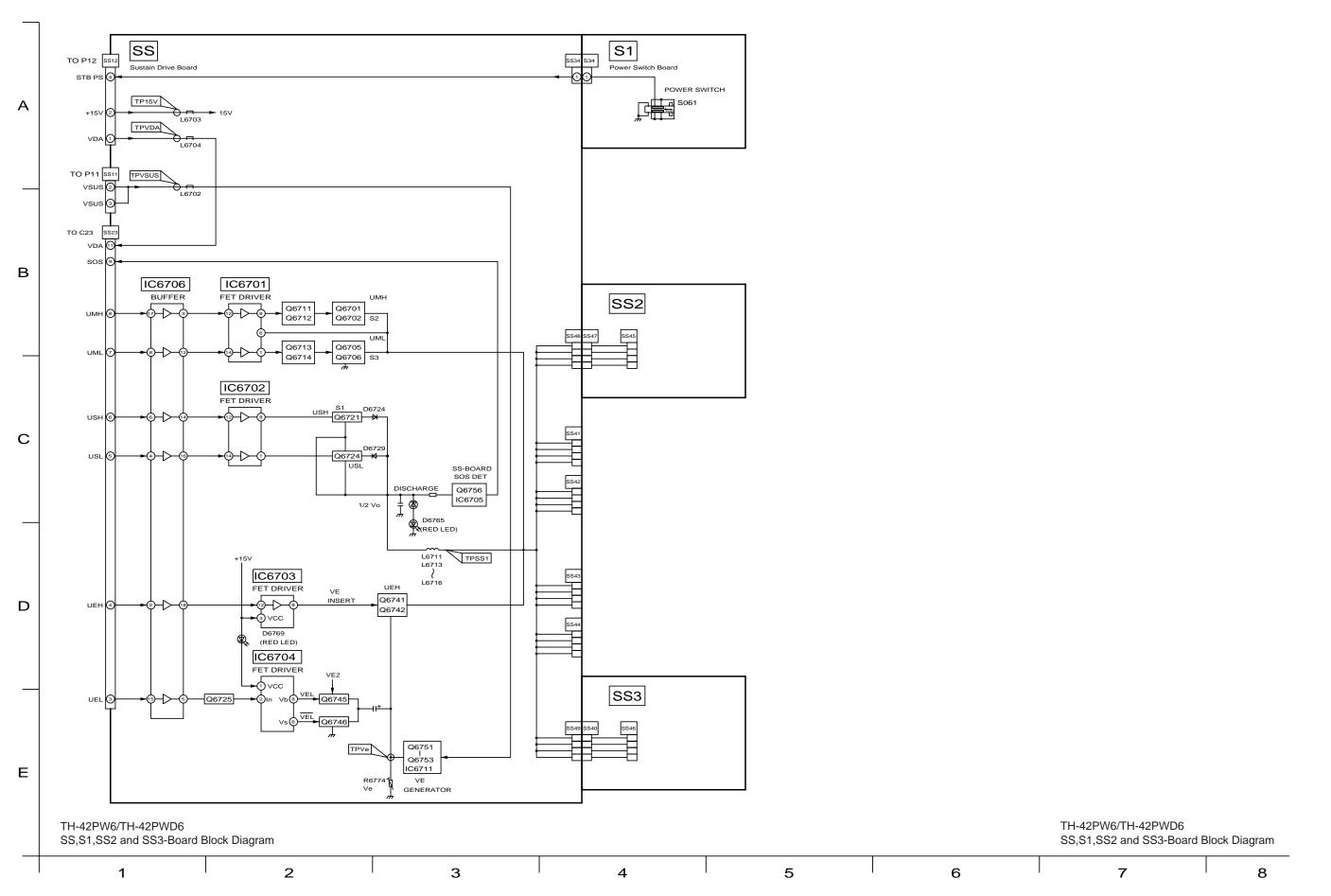


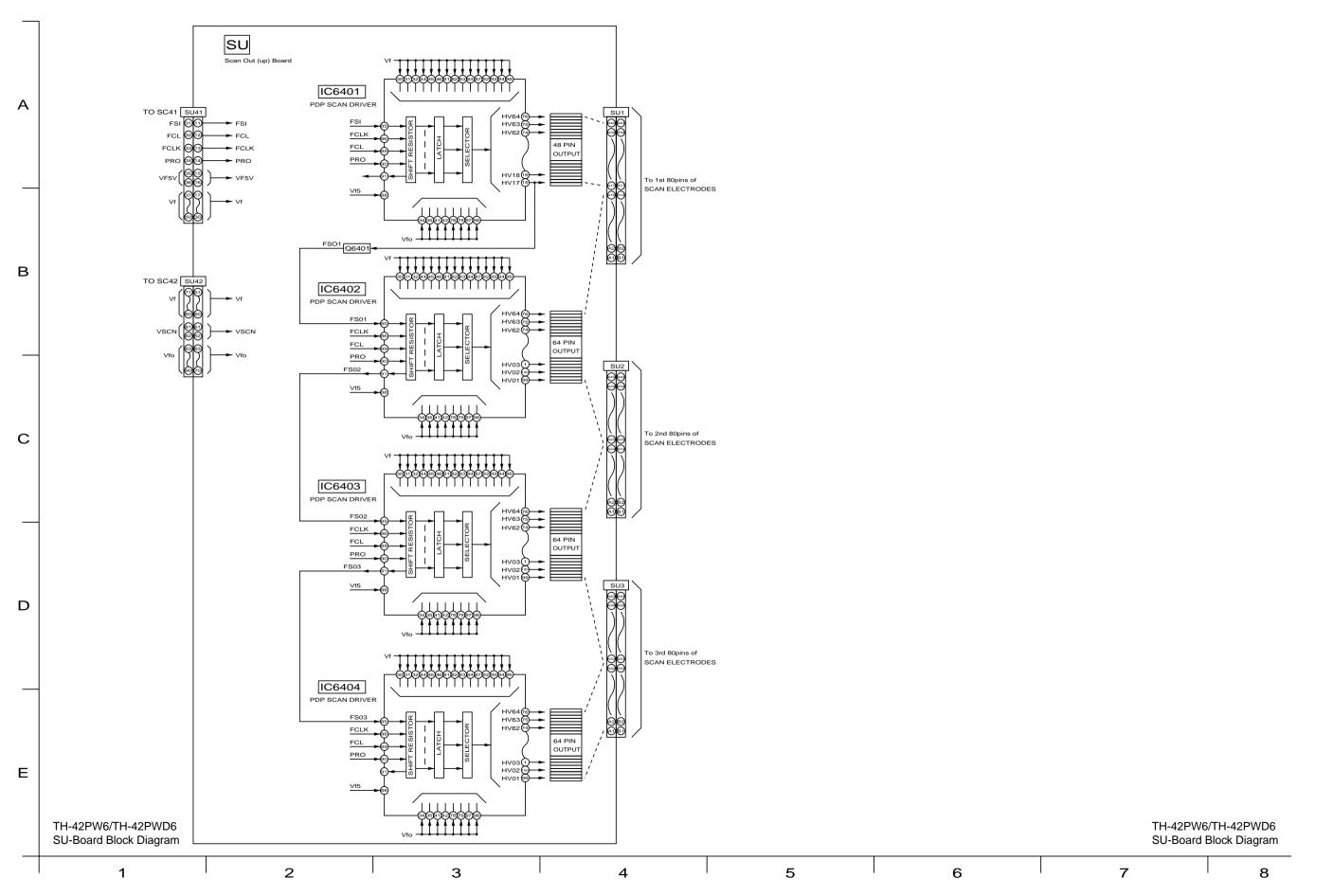


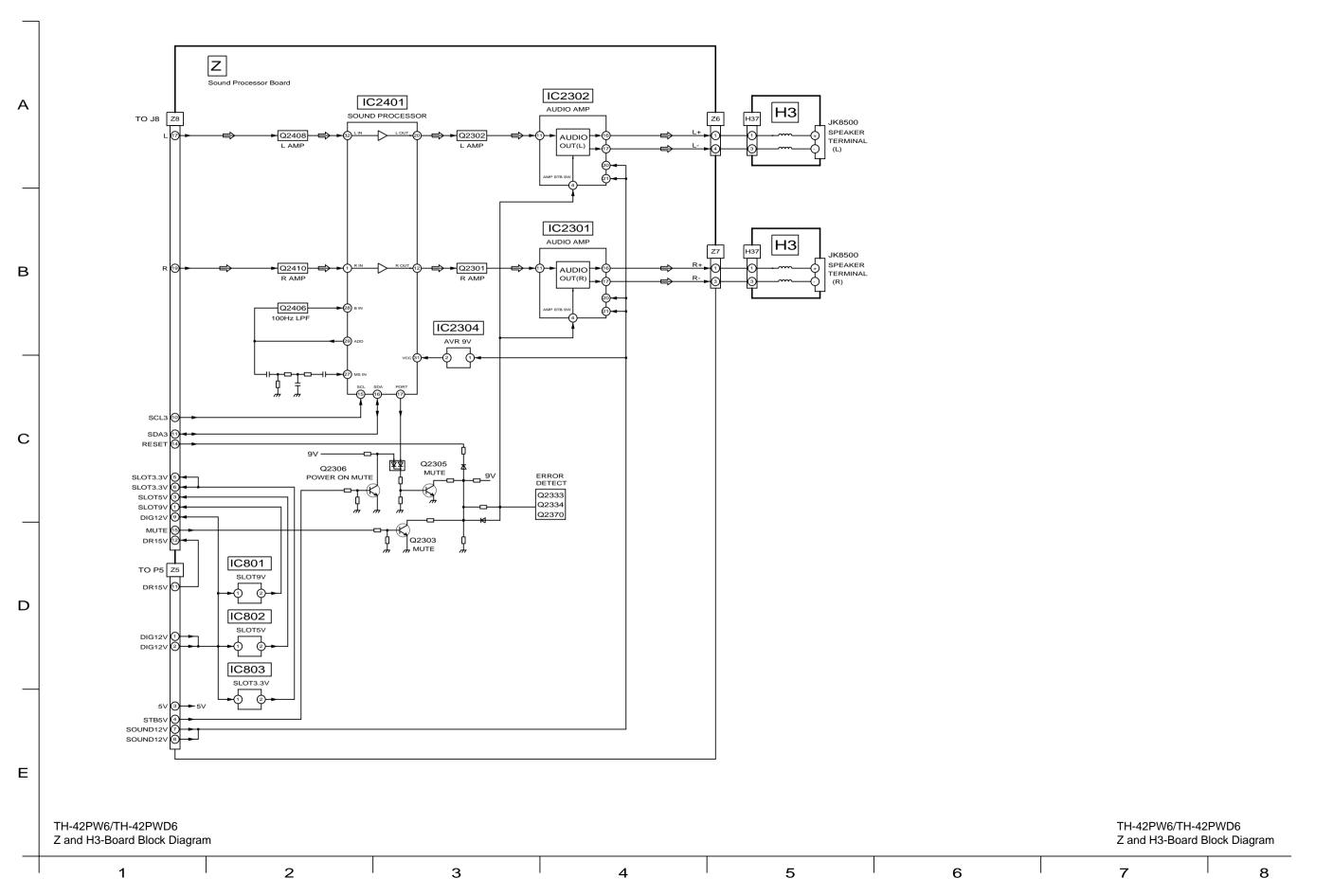


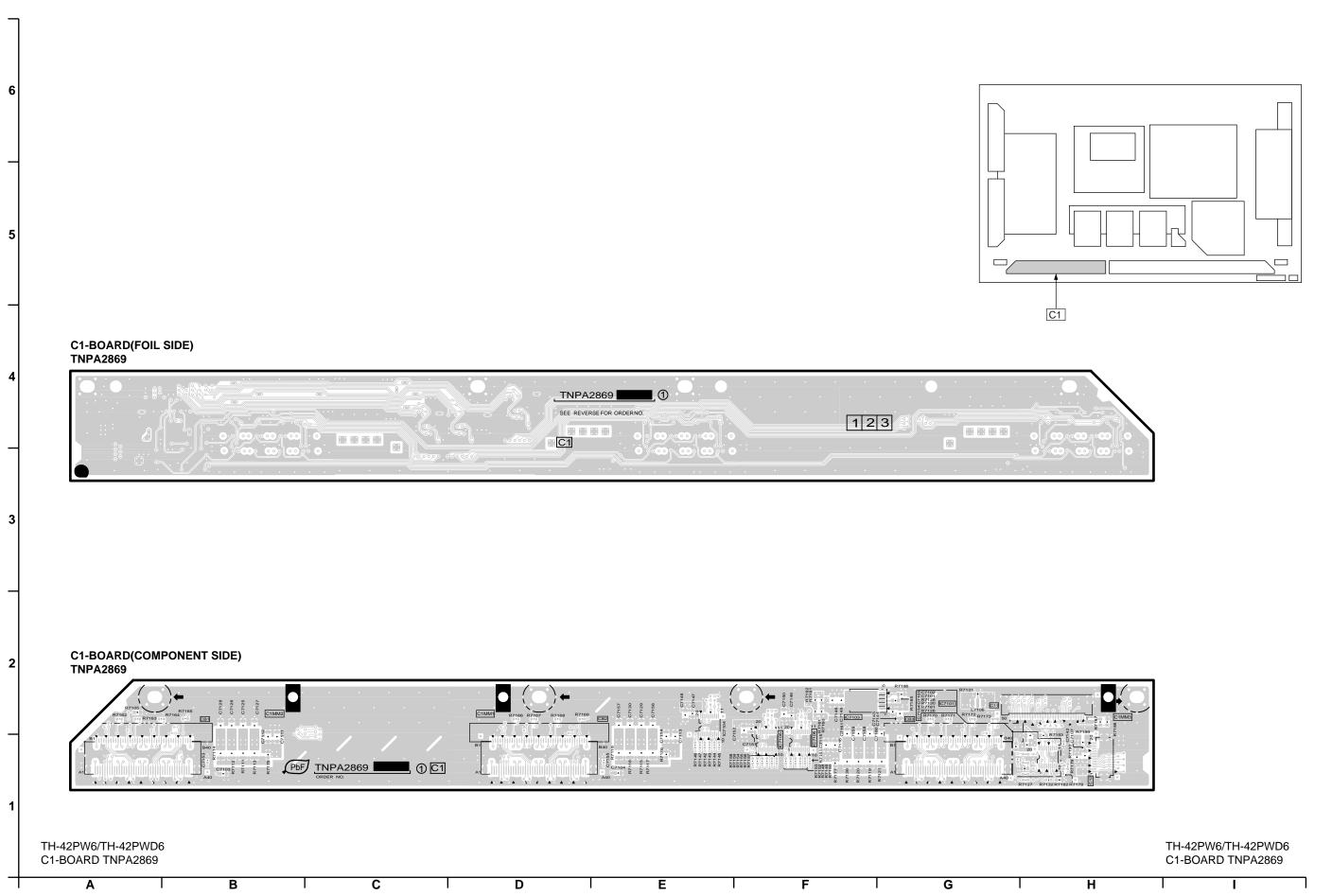


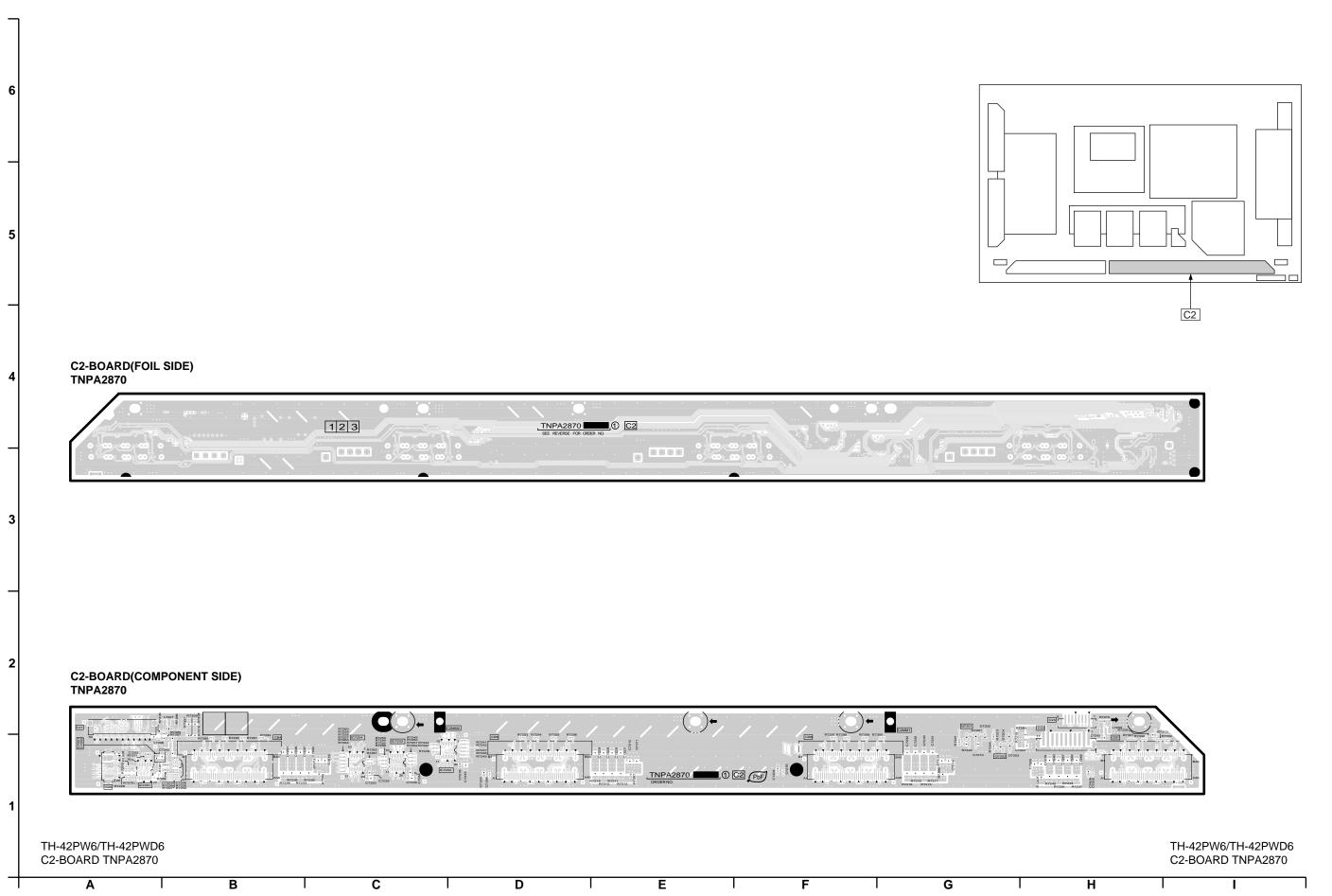










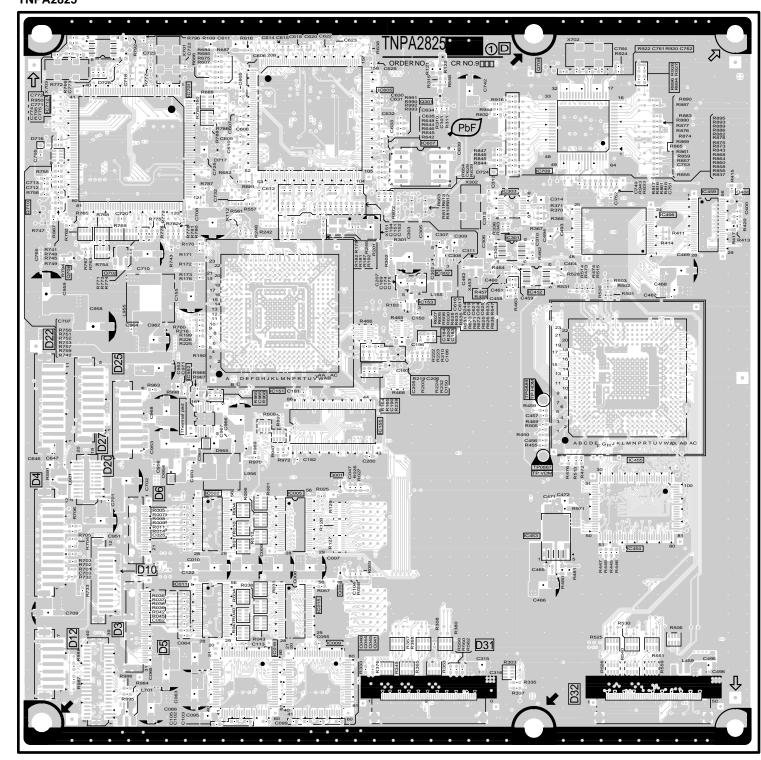


#### D-BOARD(COMPONENT SIDE) TNPA2825

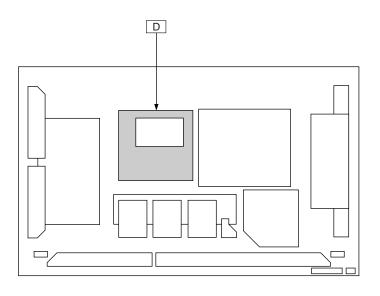
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#### **Parts Location**

	D-BOARD (COMPONENT SIDE)					
IC	IC		TRANSISTOR		TP	
IC9002	B-3	Q9001	C-3	TP HDM	D-3	
IC9005	C-3	Q9002	C-2	TP VDM	D-3	
IC9009	C-2	Q9301	D-5	TP0887	D-3	
IC9011	B-2	Q9400	F-5	TP0889	D-3	
IC9015	C-2	Q9702	B-4			
IC9019	C-2	Q9706	A-4			
IC9151	C-4	Q9708	E-6			
IC9153	D-4	Q9710	A-5			
IC9155	C-3					
IC9301	D-4					
IC9302	D-4					
IC9303	D-5					
IC9452	D-4					
IC9453	E-2					
IC9454	E-3					
IC9455	E-3					
IC9456	E-5					
IC9459	F-5					
IC9605	C-5					
IC9607	D-5					
IC9701	B-5					
IC9709	E-5					
IC9712	B-6			1		
IC9952	B-3					

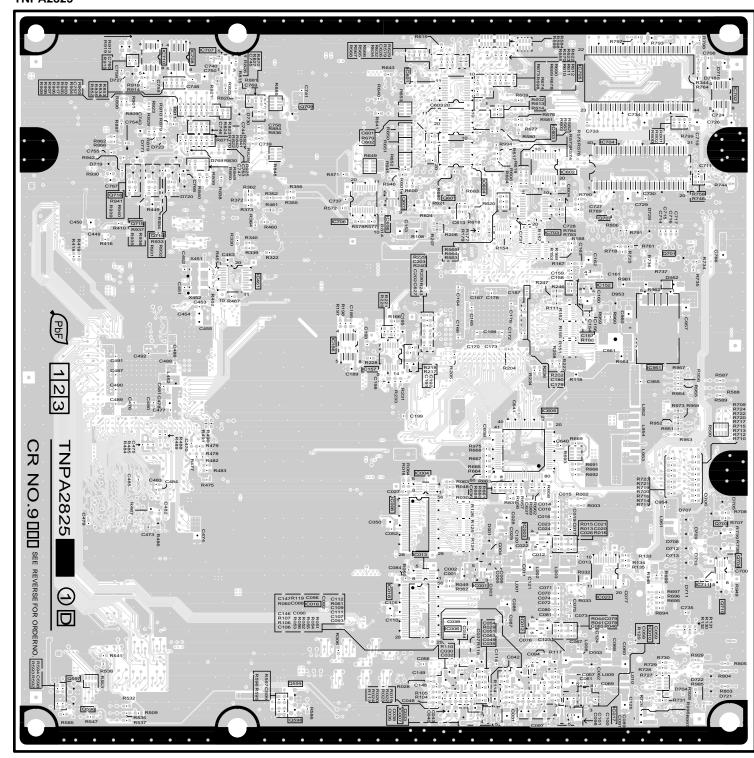
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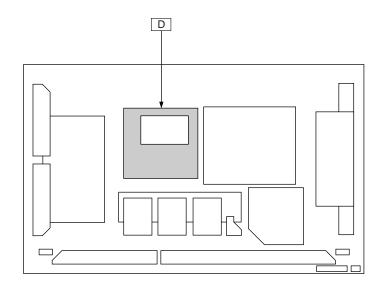
TH-42PW6/TH-42PWD6 D-BOARD TNPA2825

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D-BOARD(FOIL SIDE) TNPA2825

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#### **Parts Location**

D-BOARD (FOIL SIDE)						
IC9001 IC9003 IC9003 IC9004 IC9006 IC9007 IC9008 IC9010 IC9012	D-2 D-3 D-3 D-2 D-1 D-3 E-1 D-2	D-BOARD ( IC9603 IC9604 IC9606 IC9608 IC9702 IC9703 IC9704 IC9705 IC9706 IC9707	D-5 D-5 C-5 D-3 F-5 D-4 E-5 E-6 C-5 B-6	TRANSISTO  Q9596 Q9597 Q9598 Q9599 Q9601 Q9602 Q9701 Q9703	A-1 A-2 C-1 C-1 D-5 D-5 E-4 F-3	
IC9013 IC9016 IC9017 IC9018 IC9023 IC9152 IC9156 IC9157 IC9451	D-2 C-2 E-1 D-2 E-2 E-4 C-4 B-4	IC9707 IC9708 IC9710 IC9711 IC9951	B-6 B-6 B-6 F-2 E-4	Q9704 Q9707 Q9709 Q9714 Q9715 Q9716 Q9719	F-2 E-5 C-5 B-4 B-5 B-5 F-2	
IC9601 IC9602	D-5 D-5					

TH-42PW6/TH-42PWD6 D-BOARD TNPA2825



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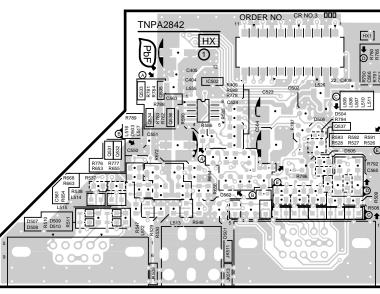
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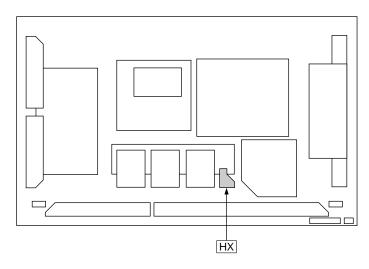
TNPA2842 1 SEE REVERSE FOR ORDER NO.

TXNHX10QBS

**HX-BOARD(FOIL SIDE)** 

HX-BOARD(COMPONENT SIDE)
TXNHX10QBS





#### **Parts Location**

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HX-BOARD				
IC		TRANSISTO	R	
IC3502	E-4	Q3531 Q3532 Q3533 Q3534 Q3535 Q3536 Q3537	D-4 D-4 E-4 E-4 E-4 F-4	

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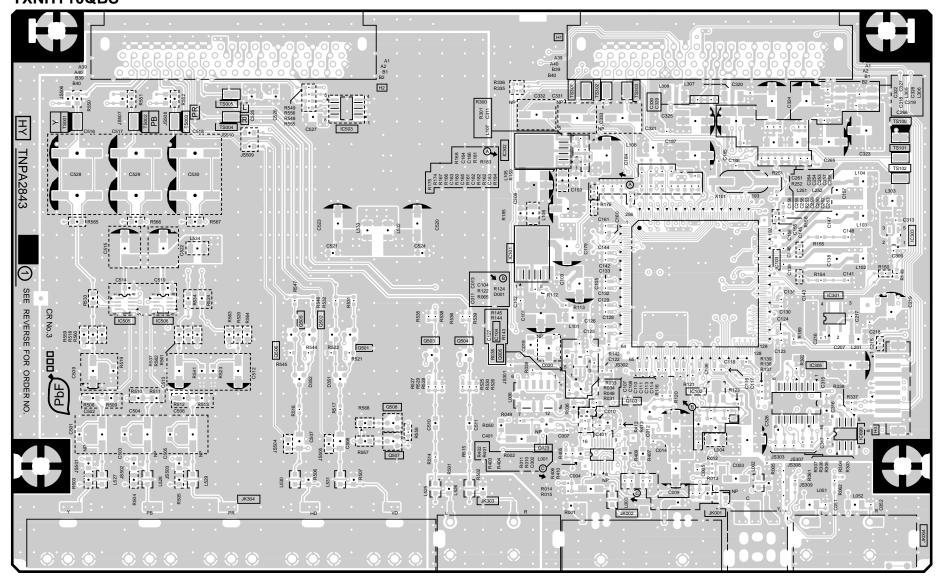
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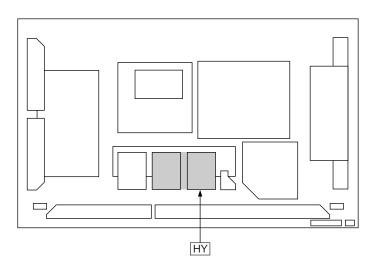
# HY-BOARD(COMPONENT SIDE) TXNHY10QBS

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#### **Parts Location**

H	/-BOARD (COI	MPONENT SID	E)	
IC		TRANSISTOR		
IC3101 IC3102 IC3103 IC3104 IC3301 IC3302 IC3303 IC3305 IC3401 IC3503 IC3505	D-4 E-3 E-3 D-3 F-3 D-4 G-4 F-3 E-2 C-5 B-3	Q3005 Q3023 Q3103 Q3501 Q3502 Q3502 Q3503 Q3504 Q3505 Q3506 Q3507 Q3508	D-3 D-2 E-3 C-3 D-3 D-3 C-3 C-3 C-3 C-3 C-3 C-3 C-3 C-3 C-3	
IC3506 IC3699	B-3 F-2	TP	0-3	
	, -	TS001 TS002 TS003 TS004 TS005 TS100 TS101 TS102 TS301 TS302 TS303	A-5 B-5 B-5 B-6 B-7 G-4 G-4 G-4 E-5 E-5	

TH-42PW6/TH-42PWD6 HY-BOARD TXNHY10QBS

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TH-42PW6/TH-42PWD6 HY-BOARD TXNHY10QBS

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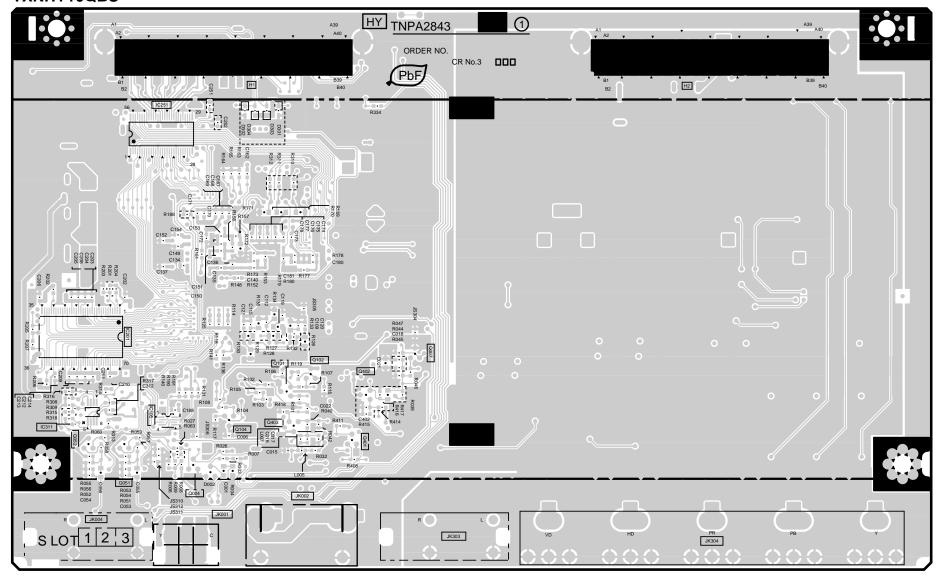
### HY-BOARD(FOIL SIDE) TXNHY10QBS

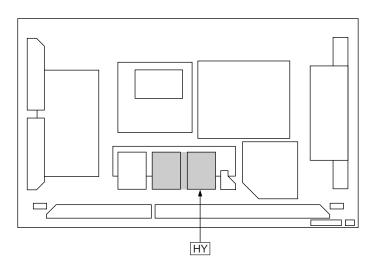
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#### **Parts Location**

HY-BOARD (FOIL SIDE)				
IC		TRANSISTO	)R	
IC3105	B-3	Q3004	B-2	
IC3201	A-3	Q3007	D-3	
IC3251	B-4	Q3051	A-2	
IC3311	A-3	Q3052	A-2	
		Q3101	C-3	
		Q3102	C-3	
		Q3104	B-2	
		Q3401	C-2	
		Q3402	C-3	
		Q3403	B-3	

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TH-42PW6/TH-42PWD6 HY-BOARD TXNHY10QBS TH-42PW6/TH-42PWD6 HY-BOARD TXNHY10QBS

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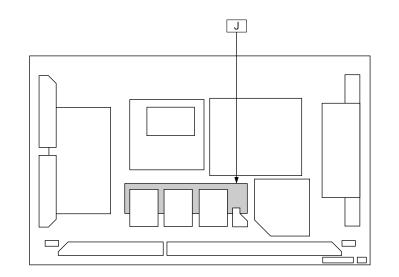
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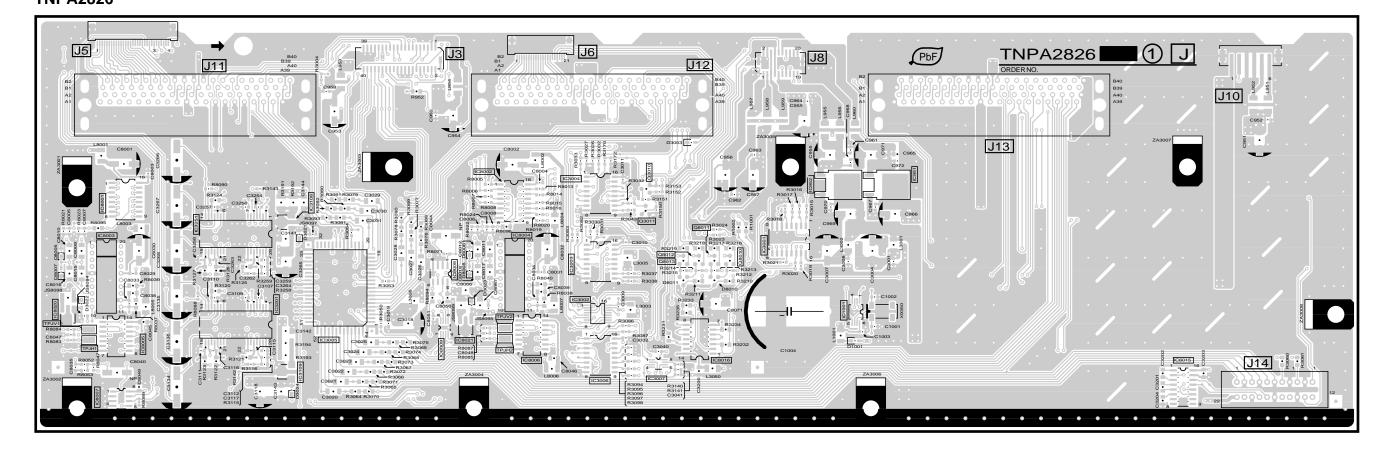
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J-BOARD (COMPONENT SIDE)					
IC		TRANSISTO	TRANSISTOR		
IC1001	F-2	Q3010	E-3		
IC3001	F-2	Q3011	E-3		
IC3002	D-2	Q8010	E-2		
IC3003	D-2	Q8011	E-2		
IC3004	D-3	Q8012	E-2		
IC3005	C-2	Q8013	E-2		
IC3006	D-2	TP			
IC3007	E-1	IF			
IC3108	B-2	TPJH1	A-2		
IC3109	B-1	TPJH2	D-2		
IC3201	B-2	TPJV1	A-2		
IC3251	B-2	TPJV2	D-2		
IC8001	A-3				
IC8002	D-3				
IC8003	A-2				
IC8004	D-2				
IC8005	A-2				
IC8006	D-2				
IC8007	A-1				
IC8008	C-2				
IC8009	C-2				
IC8015	H-1				
IC8016	E-2				
IC8020	A-2				
IC8021	D-2				
IC951	F-3				
IC952	F-3				
	1	1	1		

## J-BOARD(COMPONENT SIDE) TNPA2826



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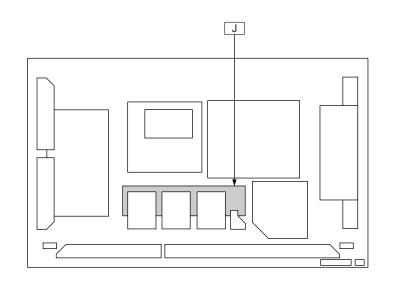
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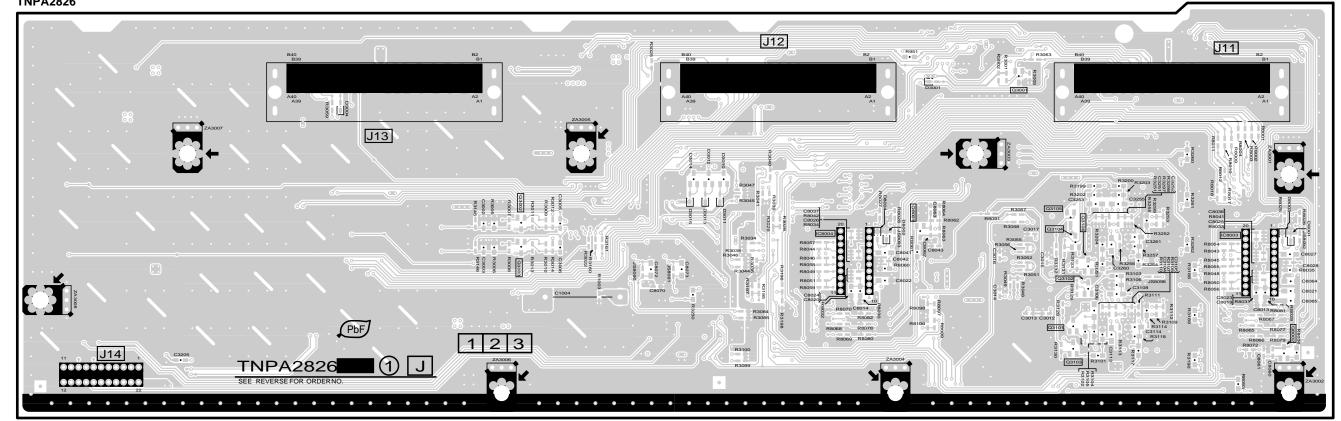
SUARD INPAZ8Z



J-BOARD (FOIL SIDE)						
IC		TRANSISTO	R			
IC8003 IC8004	I-2 F-2	Q3001 Q3002 Q3003 Q3101 Q3102 Q3103 Q3104 Q3105 Q3106 Q8001 Q8001	G-3 D-2 D-2 H-2 H-2 H-1 H-2 H-2 H-2 G-2			

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J-BOARD (FOIL SIDE) TNPA2826



TH-42PW6/TH-42PWD6 J-BOARD TNPA2826

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TH-42PW6/TH-42PWD6 J-BOARD TNPA2826

TH-42PW6/TH-42PWD6 P-BOARD TNPA2841

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TH-42PW6/TH-42PWD6 P-BOARD TNPA2841

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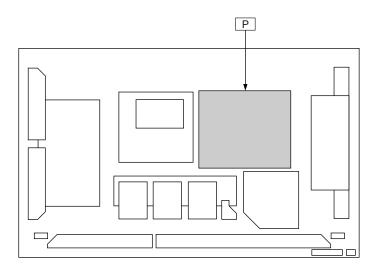
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P-BOARD (FOIL SIDE)					
IC		TRANSISTO	R	TP	
IC401 IC402 IC403 IC451 IC550 IC551 IC552 IC553 IC554 IC555 IC557 IC558	G-4 H-5 F-3 F-4 B-3 D-2 D-5 E-6 G-5 C-6	Q401 Q402 Q403 Q404 Q405 Q406 Q451 Q452 Q453 Q454 Q455 Q456 Q457 Q552 Q553 Q554 Q555 Q557 Q558 Q650 Q651	H-5 H-5 H-5 H-5 H-4 H-4 E-3 F-2 F-2 C-2 C-3 C-3 D-6 E-6 C-6 D-6 H-5 C-3	TP008 TP009 TP50 TP61 TPP1	H-1 H-1 H-6 H-5 D-4

#### **Parts Location**

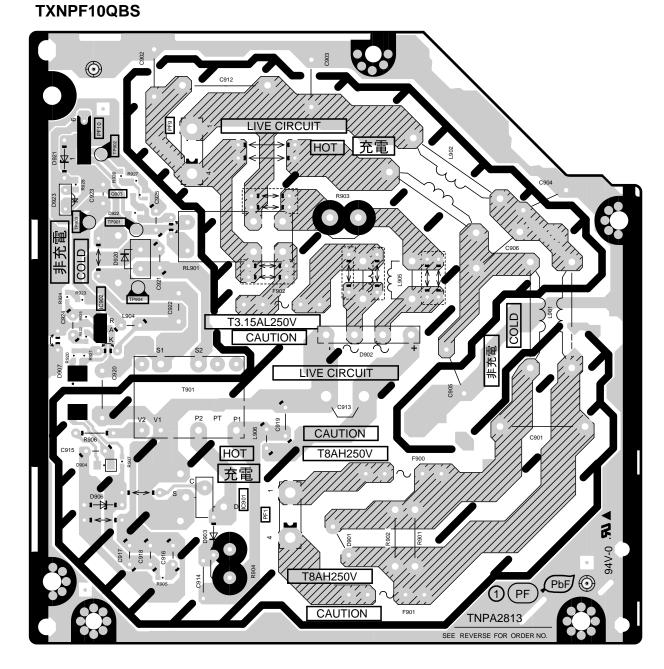
P-BOARD (COMPONENT SIDE)						
IC		TRANSISTO	R TP			
IC  IC401 IC402 IC403 IC451 IC550 IC551 IC552 IC553 IC554 IC555 IC557 IC558	C-4 B-5 B-5 D-3 D-4 H-3 F-3 F-5 E-6 C-5 F-5 G-6	Q401 Q402 Q403 Q404 Q406 Q451 Q452 Q453 Q454 Q455 Q456 Q457 Q552 Q553 Q554	B-5 B-5 B-5 B-5 B-4 E-3 D-2 D-2 C-2 G-2 G-2 G-2 G-3 F-6 E-6 E-6	TP TPP1	F-4	
		Q555 Q557 Q558 Q650 Q651	G-6 G-6 B-5 G-2 G-3			

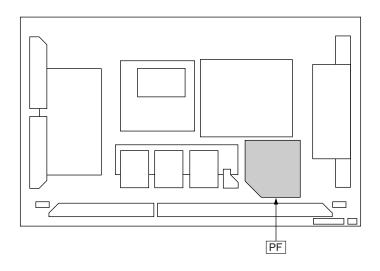
## PF-BOARD

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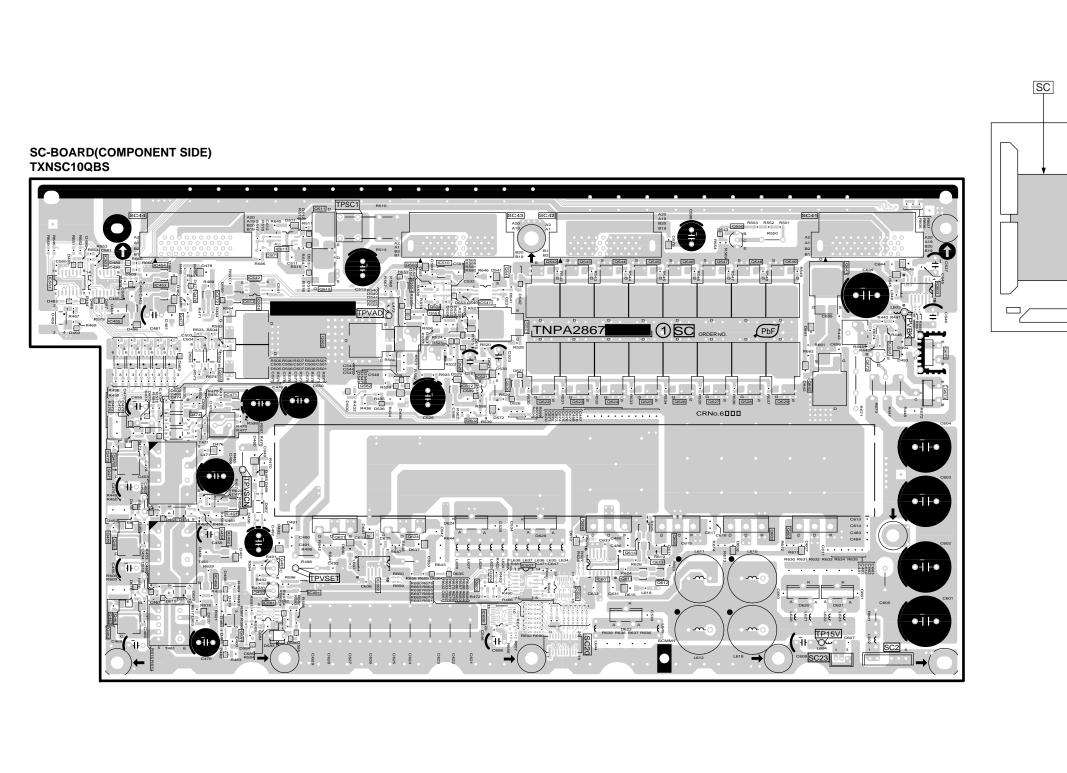


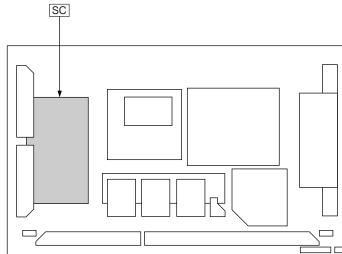
#### **Parts Location**

PF-BOARD					
IC		TP			
IC901 IC902	B-2 A-4	TP901 TP902	B-4 A-5		
TRANSISTOR		TP903 TP904	A-4 B-4		
Q903	B-4				

TH-42PW6/TH-42PWD6 PF-BOARD TXNPF10QBS

В





TH-42PW6/TH-42PWD6 SC-BOARD TXNSC10QBS

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TH-42PW6/TH-42PWD6 SC-BOARD TXNSC10QBS

Α

В

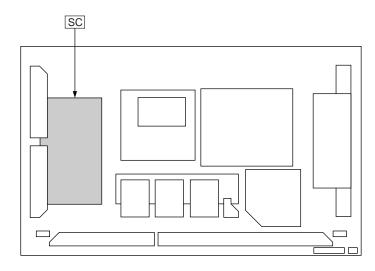
SC SC-BOARD(FOIL SIDE) TXNSC10QBS SC44 COCCO 1 2 3 4 5 6 TNPA2867 Q672 CRNo.6□□□

TH-42PW6/TH-42PWD6 SC-BOARD TXNSC10QBS

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TH-42PW6/TH-42PWD6 SC-BOARD TXNSC10QBS



	SC-BOARD (FOIL SIDE)					
TRANSISTOR	₹	TP		TP38	D-2	
Q6491 Q6492 Q6550 Q6601 Q6602 Q6605 Q6606 Q6621 Q6624 Q6671 Q6672 Q6673	E-3 E-2 B-5 B-3 C-3 C-3 E-3 A-4 A-4	TP1 TP10 TP11 TP10 TP11 TP12 TP13 TP14 TP15 TP16 TP17 TP18 TP19 TP2 TP20 TP21 TP22 TP23 TP24 TP25 TP26 TP27 TP28 TP29 TP30 TP31 TP32 TP33 TP34 TP35 TP34 TP35 TP36 TP37	A-2 C-2 C-2 D-2 D-2 D-2 D-2 D-2 D-2 D-2 D-2 D-2 D	TP39 TP4 TP40 TP41 TP42 TP43 TP44 TP45 TP46 TP47 TP48 TP49 TP5 TP50 TP51 TP52 TP54 TP55 TP56 TP57 TP58 TP59 TP6 TP60 TP61 TP62 TP63 TP7 TP8 TP9	C-2 A-2 A-5 A-5 A-5 A-5 A-5 F-5 F-5 F-5 F-5 D-2 C-5 B-5 B-5 B-5 B-5 E-5 E-5 E-5 B-2 B-2 B-2 B-2 B-2	

#### **Parts Location**

		SC-BOARD (CO	MPONENT SID	E)			
IC		TRANSISTO	R	Q6542	D-4	TP	
IC6451 IC6452 IC6453 IC6454 IC6455 IC6456 IC6471 IC6472 IC6491 IC6501 IC6501 IC6511 IC6512 IC6541 IC6541 IC6581 IC6581 IC6601 IC6603 IC6603 IC6604 IC6605 IC6606	B-3 B-3 B-4 B-5 A-4 B-2 B-4 C-2 A-4 A-4 D-5 C-5 D-4 D-4 B-4 B-2 E-3 C-3 G-4 E-3 E-3 D-3	Q6451 Q6452 Q6454 Q6455 Q6461 Q6462 Q6463 Q6471 Q6472 Q6474 Q6475 Q6476 Q6477 Q6491 Q6492 Q6501 Q6502 Q6503 Q6504 Q6511 Q6512 Q6522 Q6523 Q6524 Q6527 Q6528 Q6527 Q6528	A-3 A-3 B-3 A-2 A-2 A-2 A-2 A-3 B-4 A-3 B-4 C-2 B-2 B-5 D-4 C-5 C-4 D-4 D-4 D-4 E-4 E-4 E-4 F-4 F-4 D-4 D-4 D-4	Q6543 Q6544 Q6545 Q6545 Q6546 Q6547 Q6548 Q6549 Q6550 Q6551 Q6552 Q6553 Q6554 Q6555 Q6556 Q6581 Q6602 Q6603 Q6604 Q6602 Q6603 Q6604 Q6605 Q6611 Q6612 Q6613 Q6614 Q6621 Q6624 Q6641 Q6642 Q6641 Q6642 Q6671 Q6672 Q6673	D-4 E-4 E-4 E-4 F-5 F-5 F-6 D-4 C-4 B-4 C-4 B-4 B-2 C-4 F-3 D-2 D-2 D-2 E-3 E-2 E-3 E-3 C-3 C-3 F-5 F-4 G-4 F-4 G-4	TP15V TPSC1 TPVAD TPVBK TPVSCN TPVSET	F-2 C-5 C-4 G-4 B-3 C-3



6

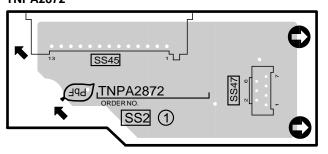
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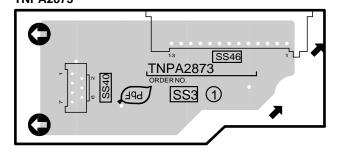
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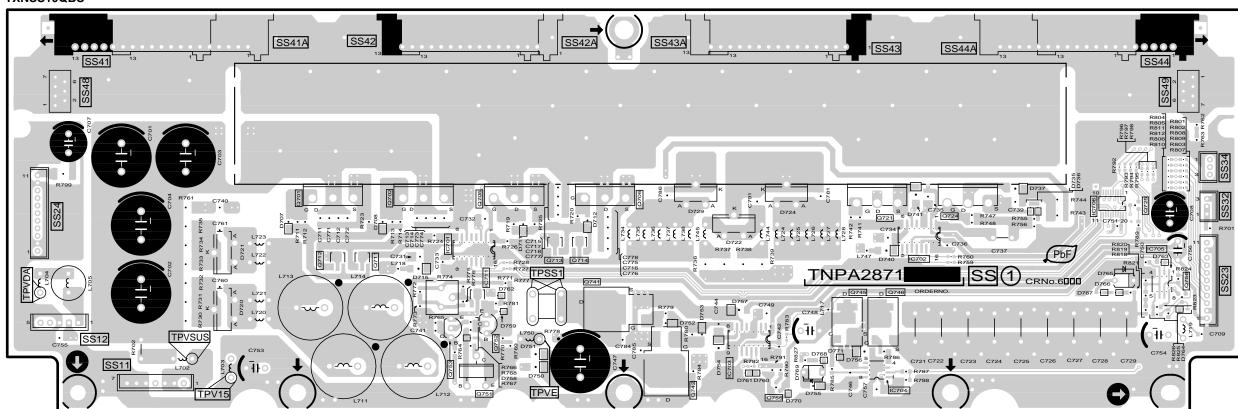
#### SS3-BOARD(COMPONENT SIDE) **TNPA2873**



#### **Parts Location**

	5	S-BOARD (COI	MPONENT SID	E)	
IC		TRANSISTOR		TP	
IC6701 IC6702 IC6703 IC6704 IC6705 IC6706 IC6711	D-2 G-2 F-2 G-1 H-2 H-2 D-2	Q6701 Q6702 Q6705 Q6706 Q6711 Q6712 Q6713 Q6714 Q6721 Q6725 Q6741 Q6725 Q6741 Q6742 Q6745 Q6746 Q6751	G-2 G-2 D-2 E-2 G-2 D-2 E-2 G-2 H-2 E-2 E-1 F-2 G-2 D-1 D-2 D-2	TPSS1 TPV15 TPVDA TPVE TPVSUS	D-2 B-1 A-2 D-1 B-1

#### SS-BOARD(COMPONENT SIDE) TXNSS10QBS



HZ

TH-42PW6/TH-42PWD6 SS-BOARD TXNSS10QBS SS2-BOARD TNPA2872 SS3-BOARD TNPA2873

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TH-42PW6/TH-42PWD6 SS-BOARD TXNSS10QBS SS2-BOARD TNPA2872 SS3-BOARD TNPA2873

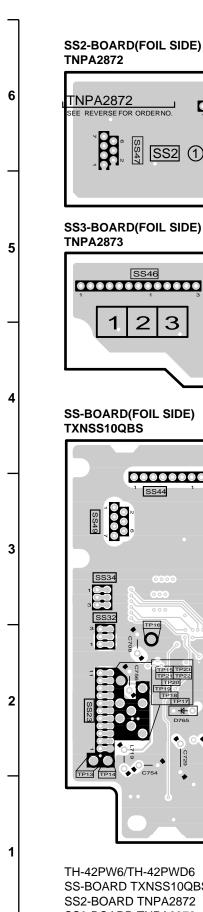
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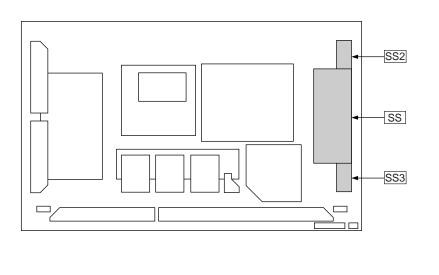
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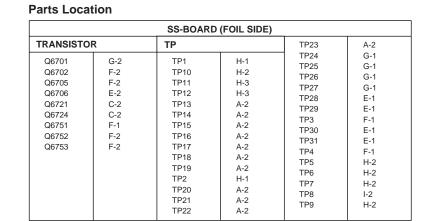
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SS-BOARD(FOIL SIDE) TXNSS10QBS

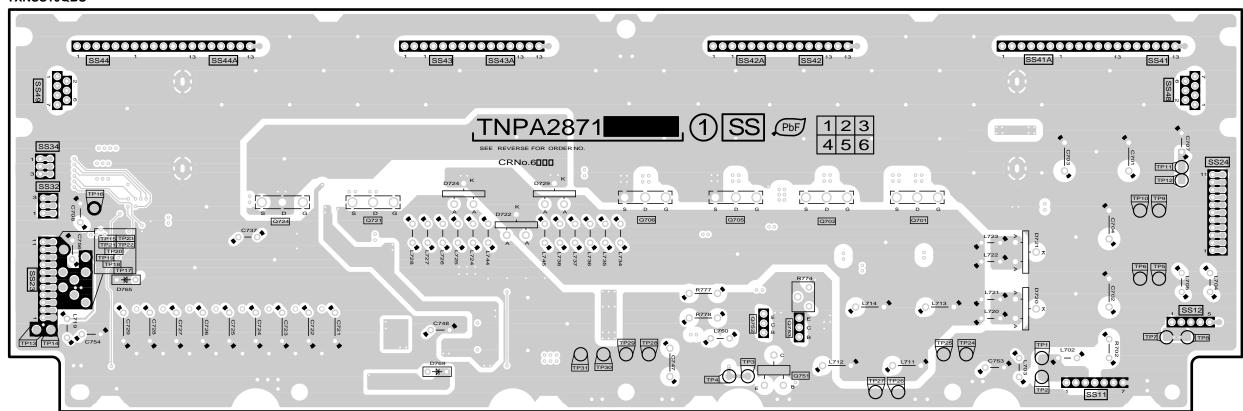
SS45

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TNPA2873

SS3 (1)

SEE REVERSE FOR ORDERNO.



TH-42PW6/TH-42PWD6 SS-BOARD TXNSS10QBS SS2-BOARD TNPA2872 SS3-BOARD TNPA2873

В

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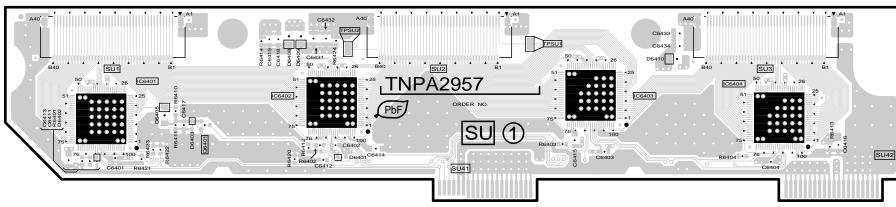
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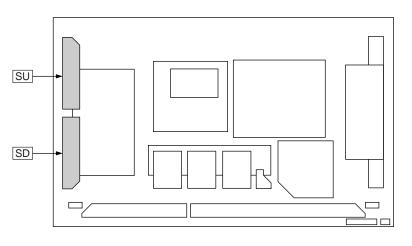
TH-42PW6/TH-42PWD6 SS-BOARD TXNSS10QBS SS2-BOARD TNPA2872 SS3-BOARD TNPA2873



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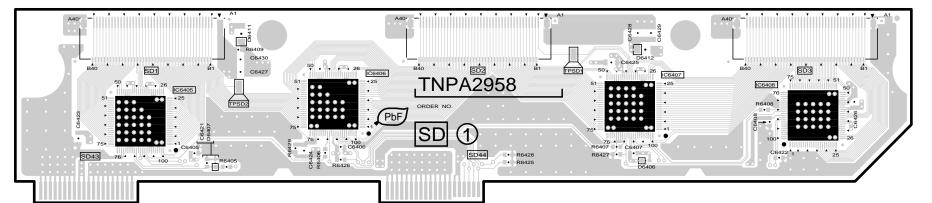




#### **Parts Location**

	SU-BOARD			
IC		TRANSISTO	R	
IC6401	B-5	Q6401	B-4	
IC6402 IC6403	C-5 E-5	TP		
IC6404	F-5	TPSU1 TPSU2	D-5 C-5	

#### SD-BOARD TNPA2958



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#### **Parts Location**

G

	SD-BOARD			
IC		TP		
IC6405	B-2	TPSD1	D-2	
IC6406	C-2	TPSD2	B-2	
IC6407	E-2			
IC6408	F-2			
	1	1	1	

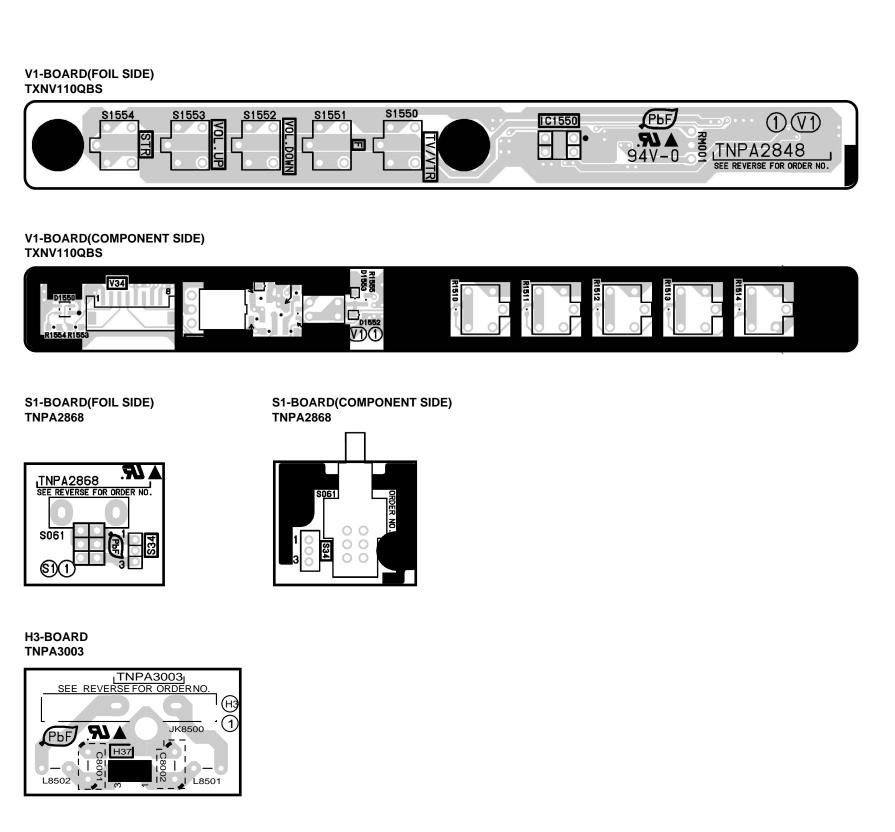
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TH-42PW6/TH-42PWD6 SU-BOARD TNPA2957 SD-BOARD TNPA2958

Α

В

TH-42PW6/TH-42PWD6 SU-BOARD TNPA2957 SD-BOARD TNPA2958



TH-42PW6/TH-42PWD6 V1-BOARD TXNV110QBS S1-BOARD TNPA2868 H3-BOARD TNPA3003

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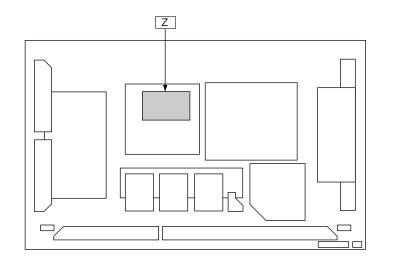
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TH-42PW6/TH-42PWD6 V1-BOARD TXNV110QBS S1-BOARD TNPA2868 H3-BOARD TNPA3003

V1

Н3

A B C D E F G H I



#### Z-BOARD(FOIL SIDE) TNPA2815

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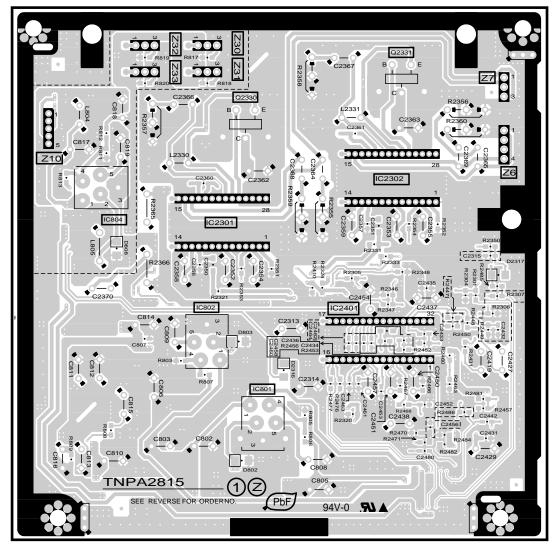
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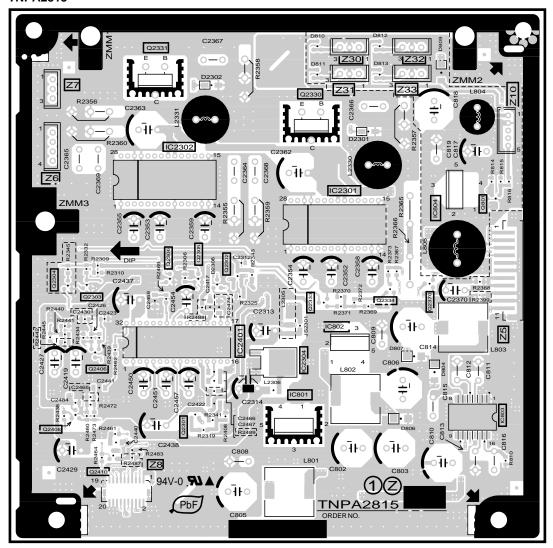
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#### **Parts Location**

Z-BOARD				
IC		TRANSISTO	TRANSISTOR	
IC2301	B-3	Q2301	F-2	
IC2301	G-3	Q2302	F-3	
IC2302	C-3	Q2303	F-3	
IC2302	F-4	Q2304	E-3	
IC2304	G-2	Q2305	F-3	
IC2401	C-2	Q2306	F-3	
IC2401	F-2	Q2330	B-4	
IC801	B-2	Q2330	G-4	
IC801	G-2	Q2331	C-4	
IC802	B-2	Q2331	F-4	
IC802	G-2	Q2333	G-3	
IC803	H-2	Q2334	G-3	
IC804	A-3	Q2370	H-3	
IC804	H-3	Q2406	F-2	
		Q2408	E-2	
		Q2410	F-2	
		Q801	H-3	

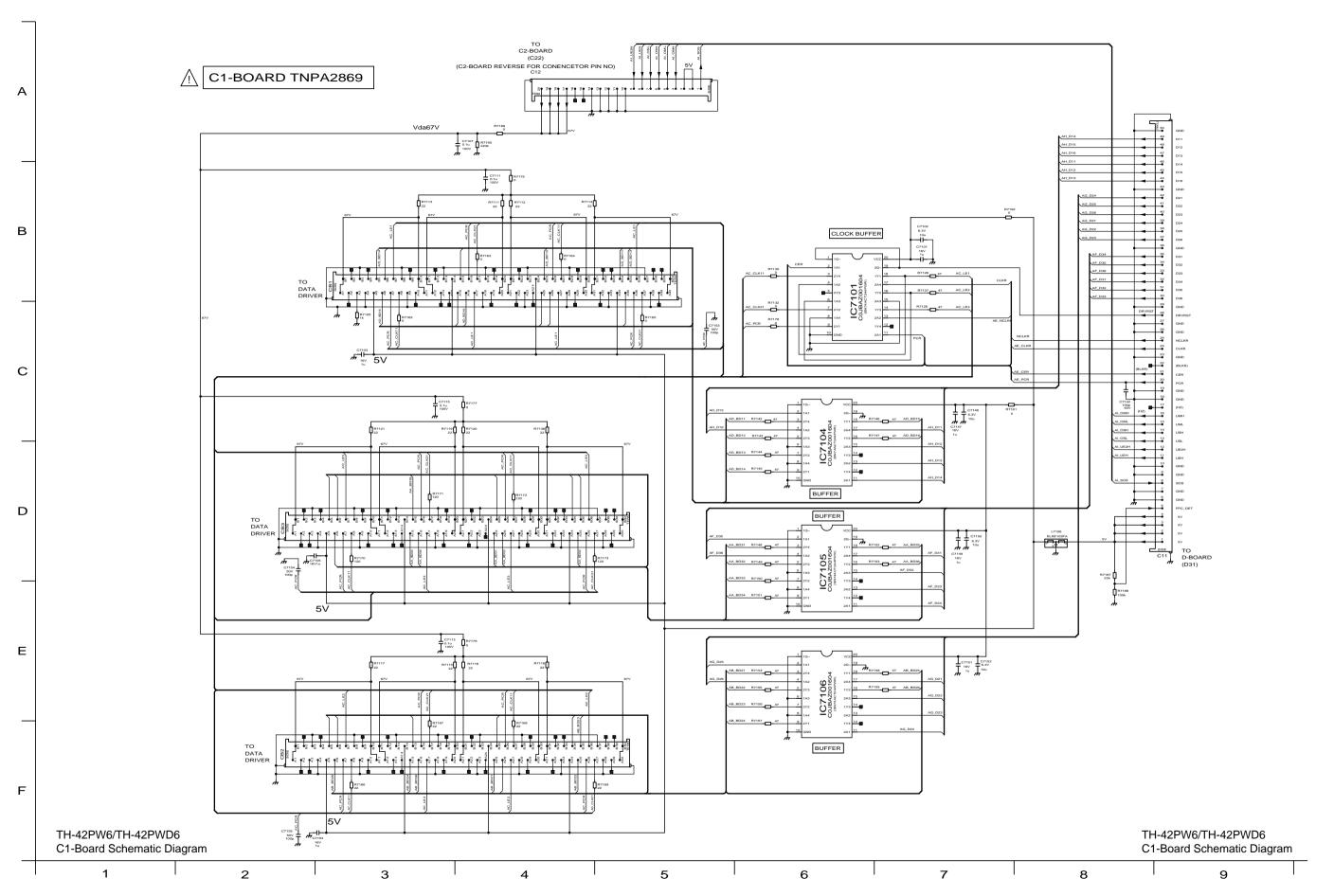
#### Z-BOARD(COMPONENT SIDE) TNPA2815

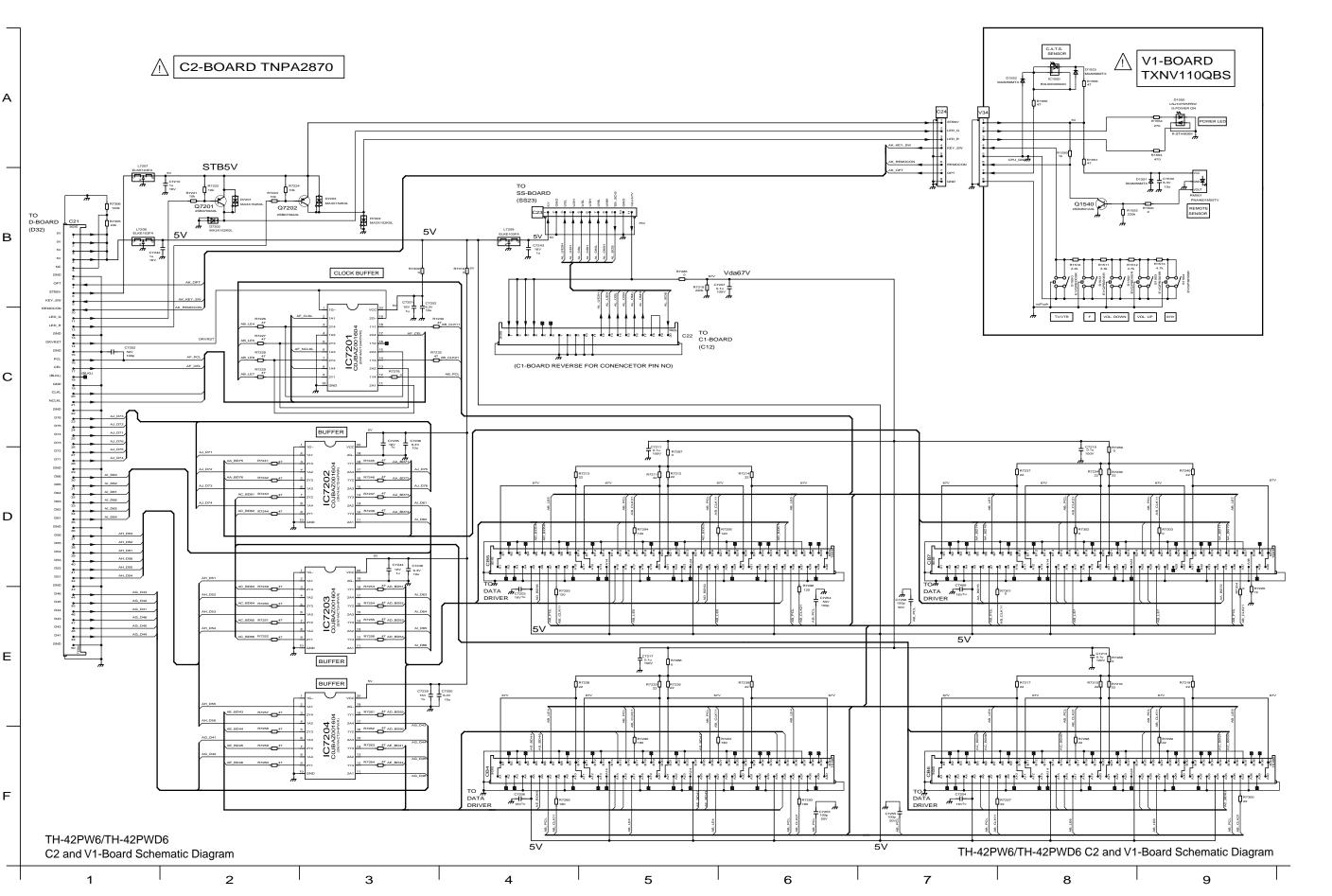


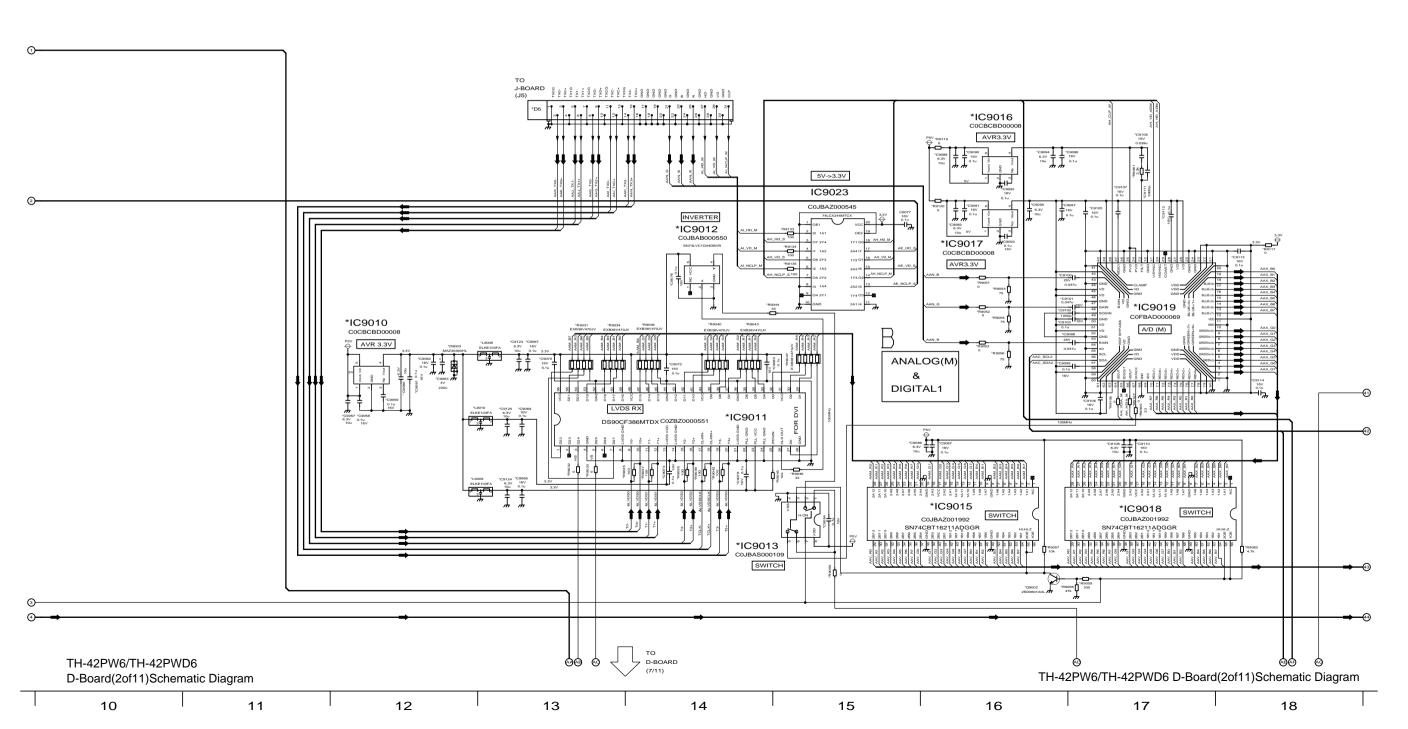
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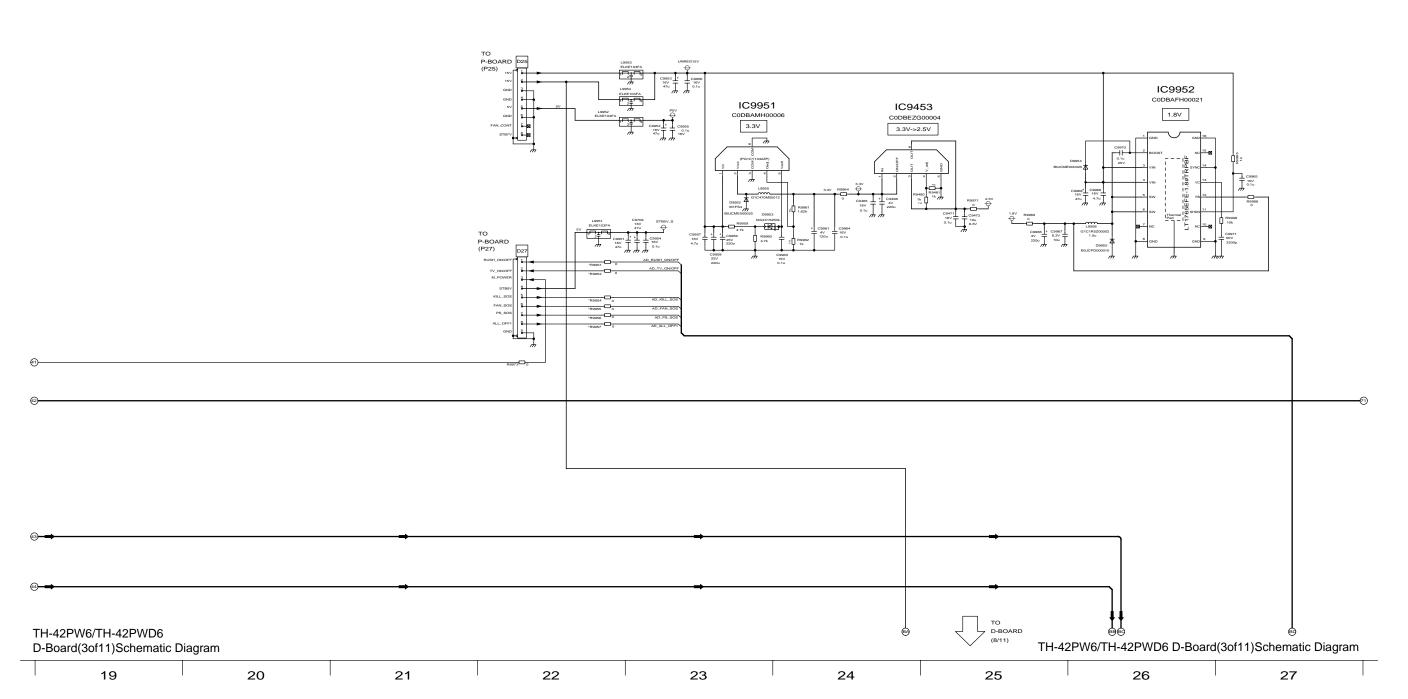
TH-42PW6/TH-42PWD6 Z-BOARD TNPA2815

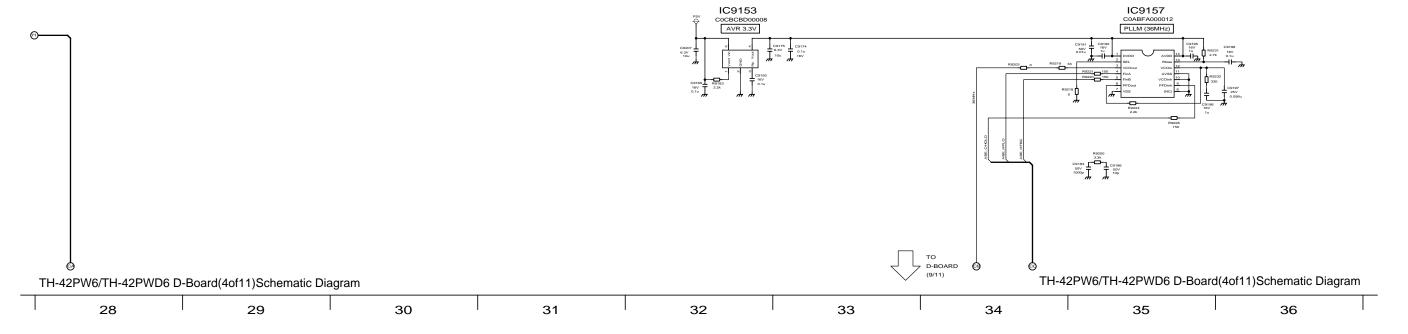
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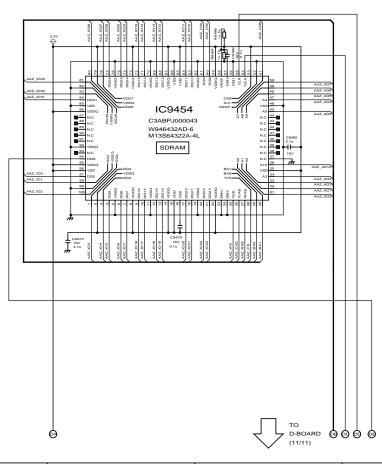




↑ D-BOARD TNPA2825 (5/11)

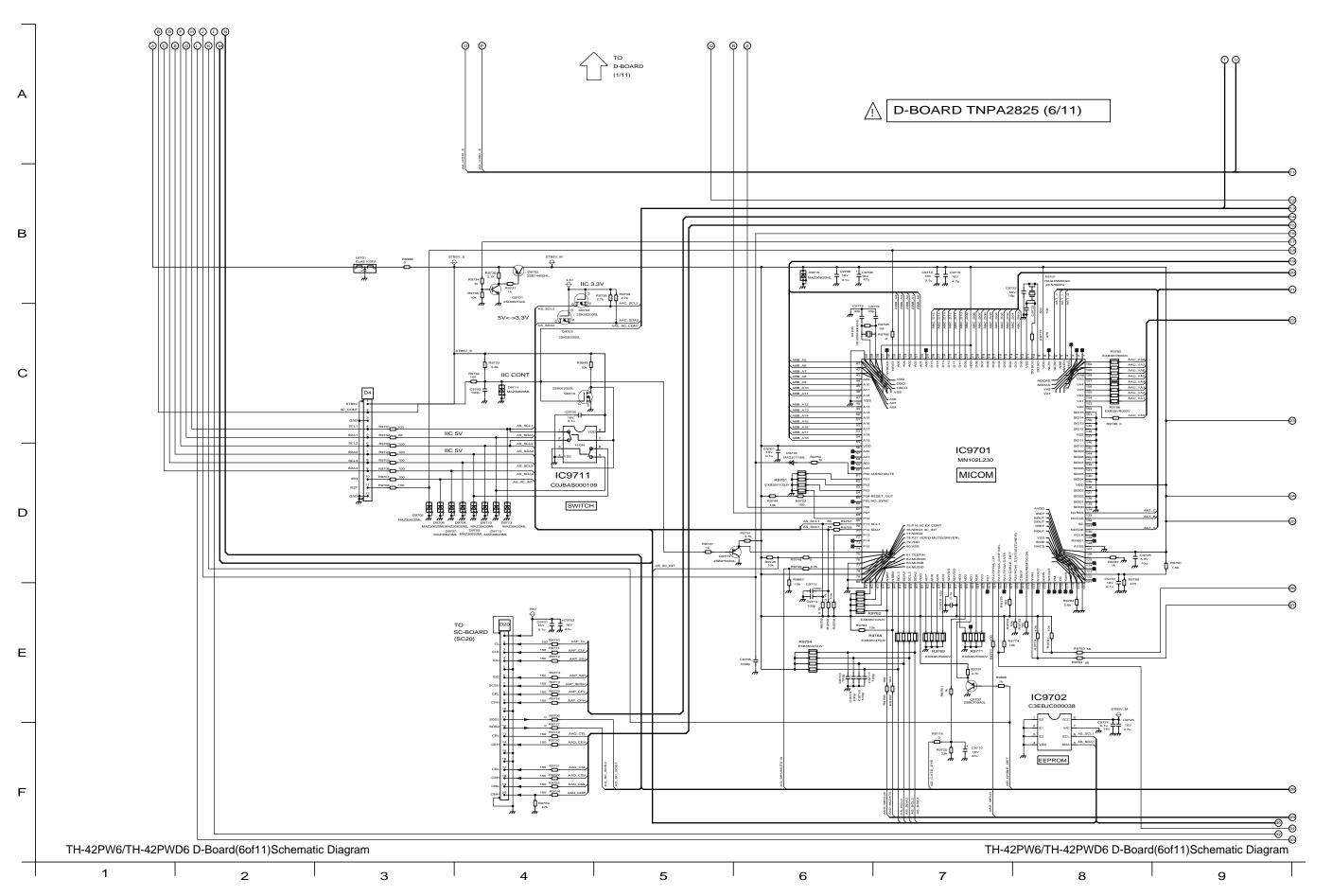
TH-42PW6/TH-42PWD6

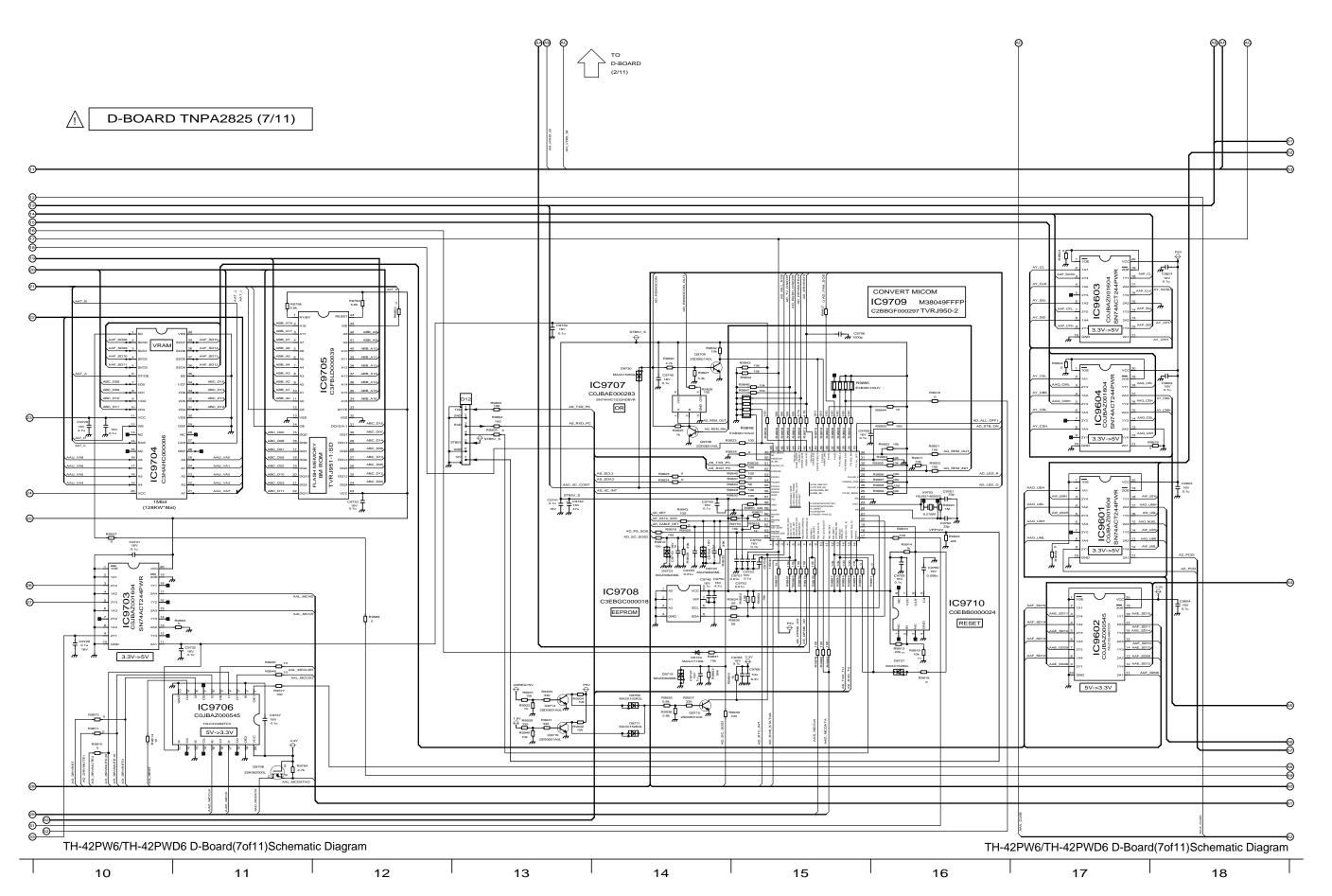
D-Board(5of11)Schematic Diagram

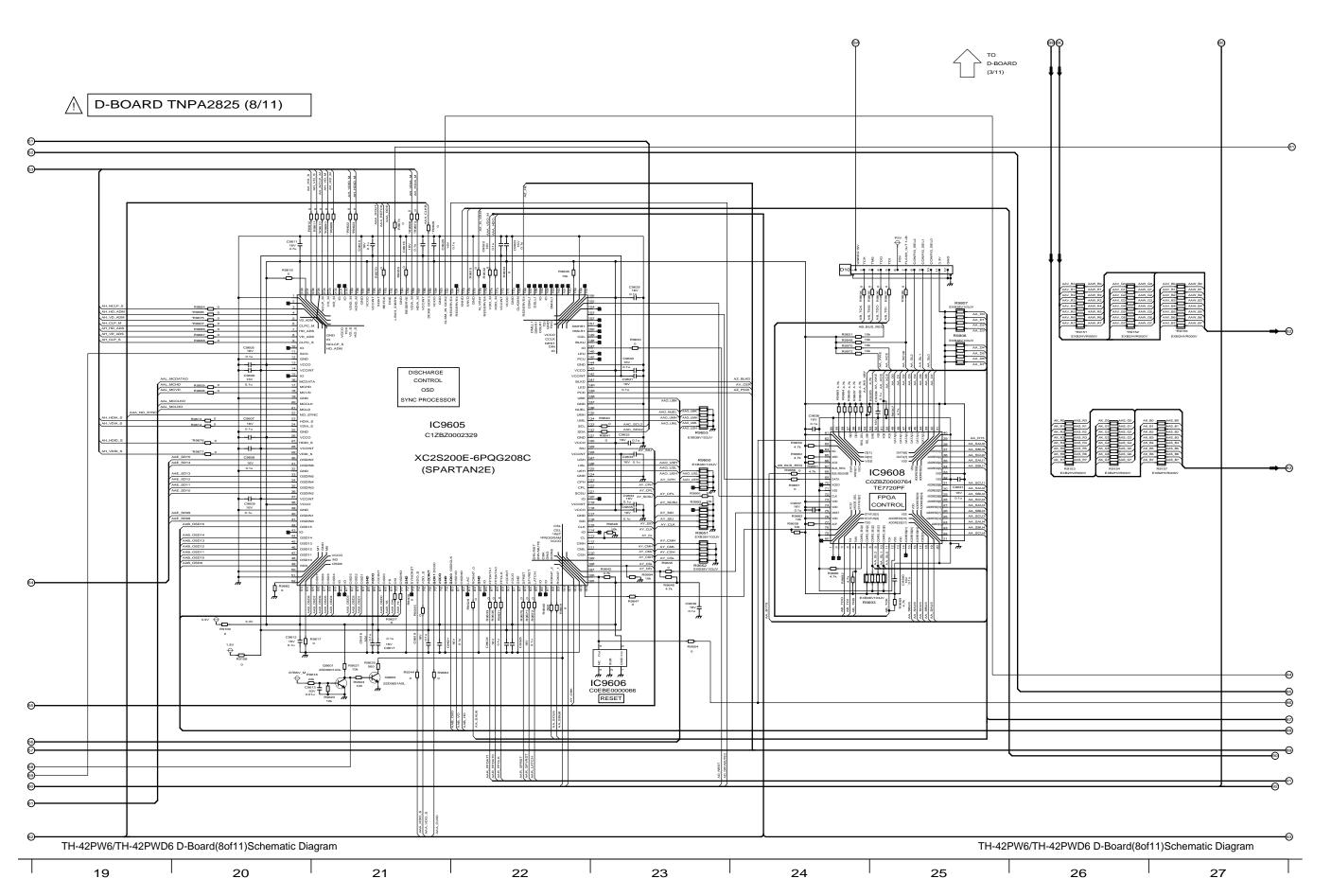


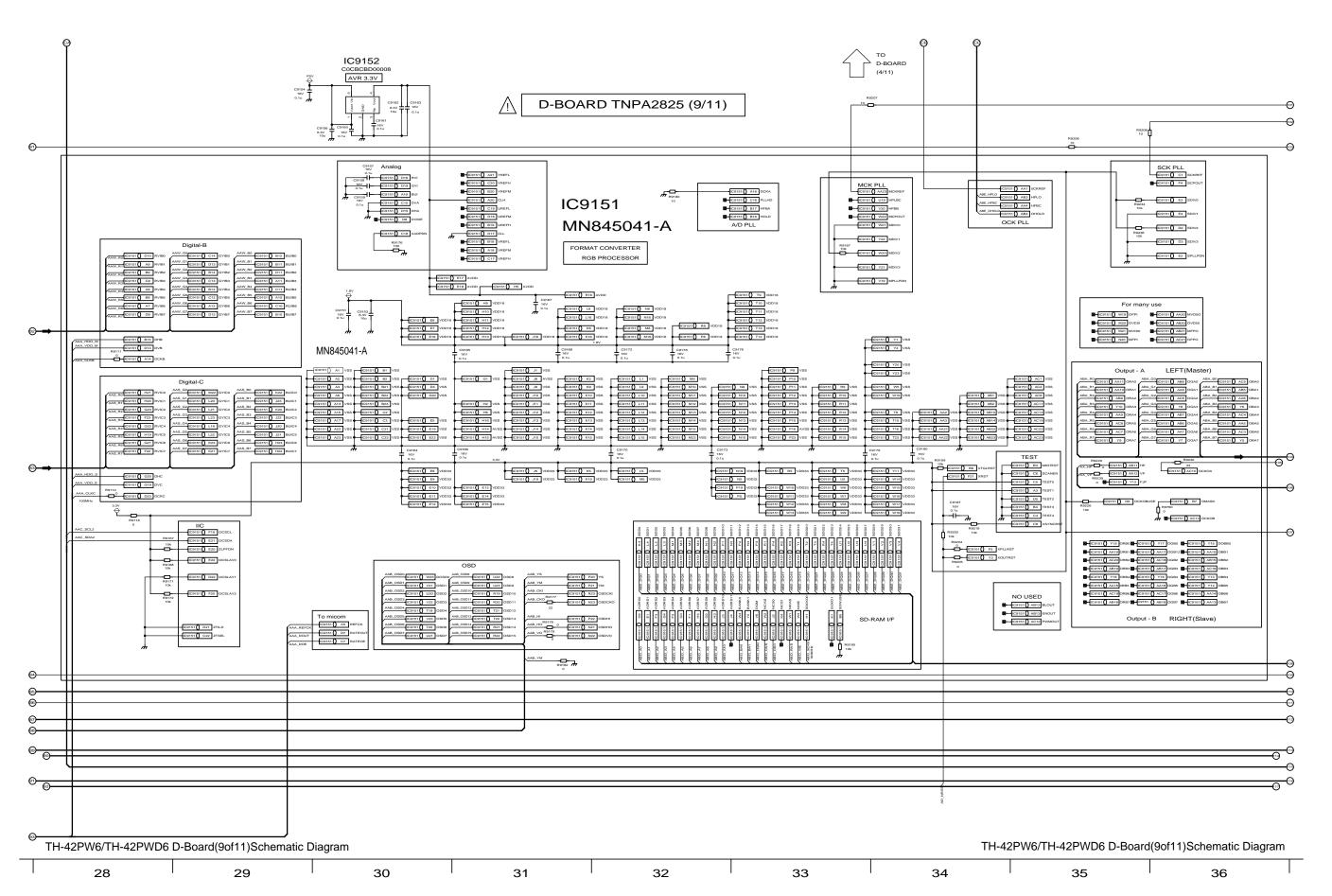
TH-42PW6/TH-42PWD6 D-Board(5of11)Schematic Diagram

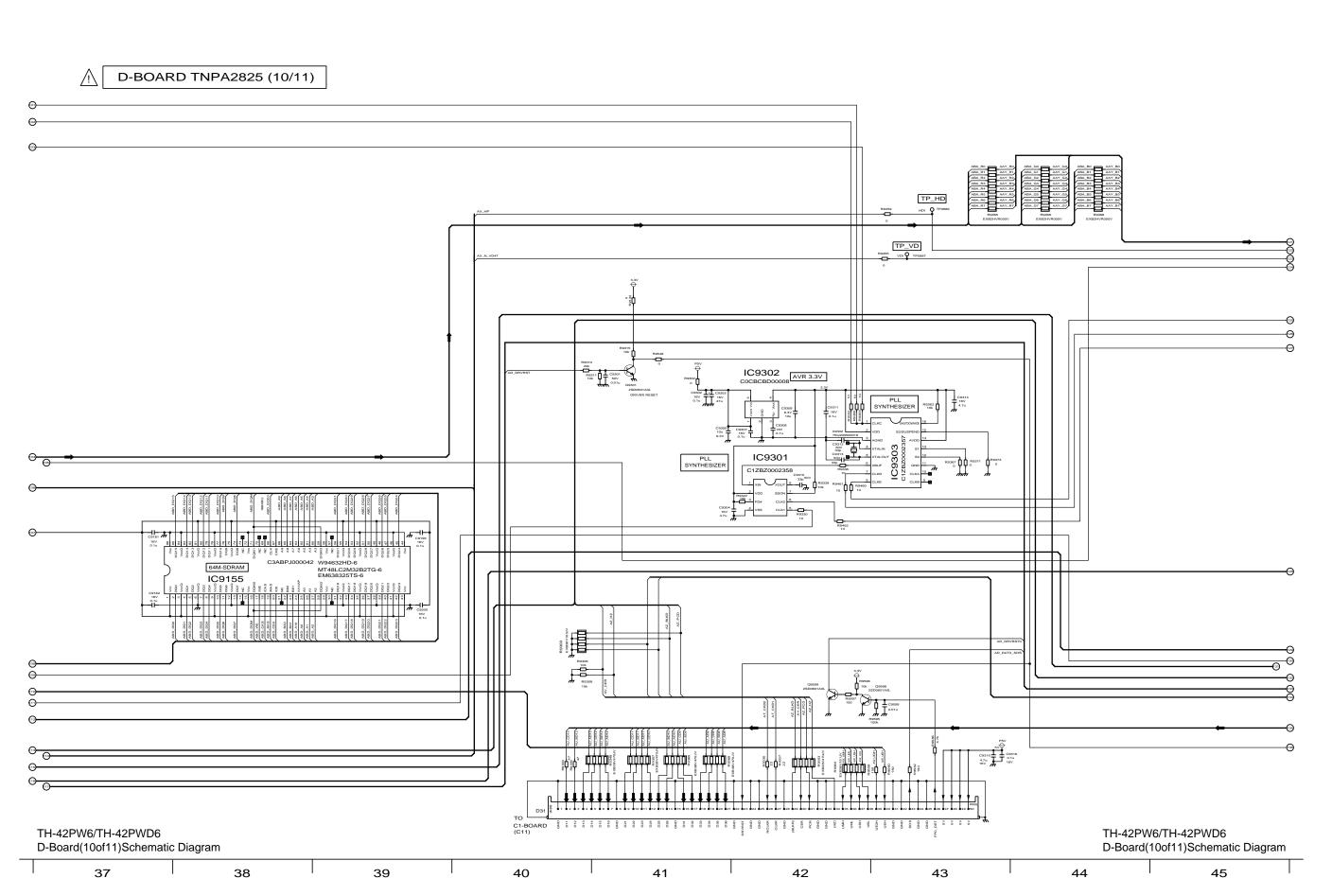
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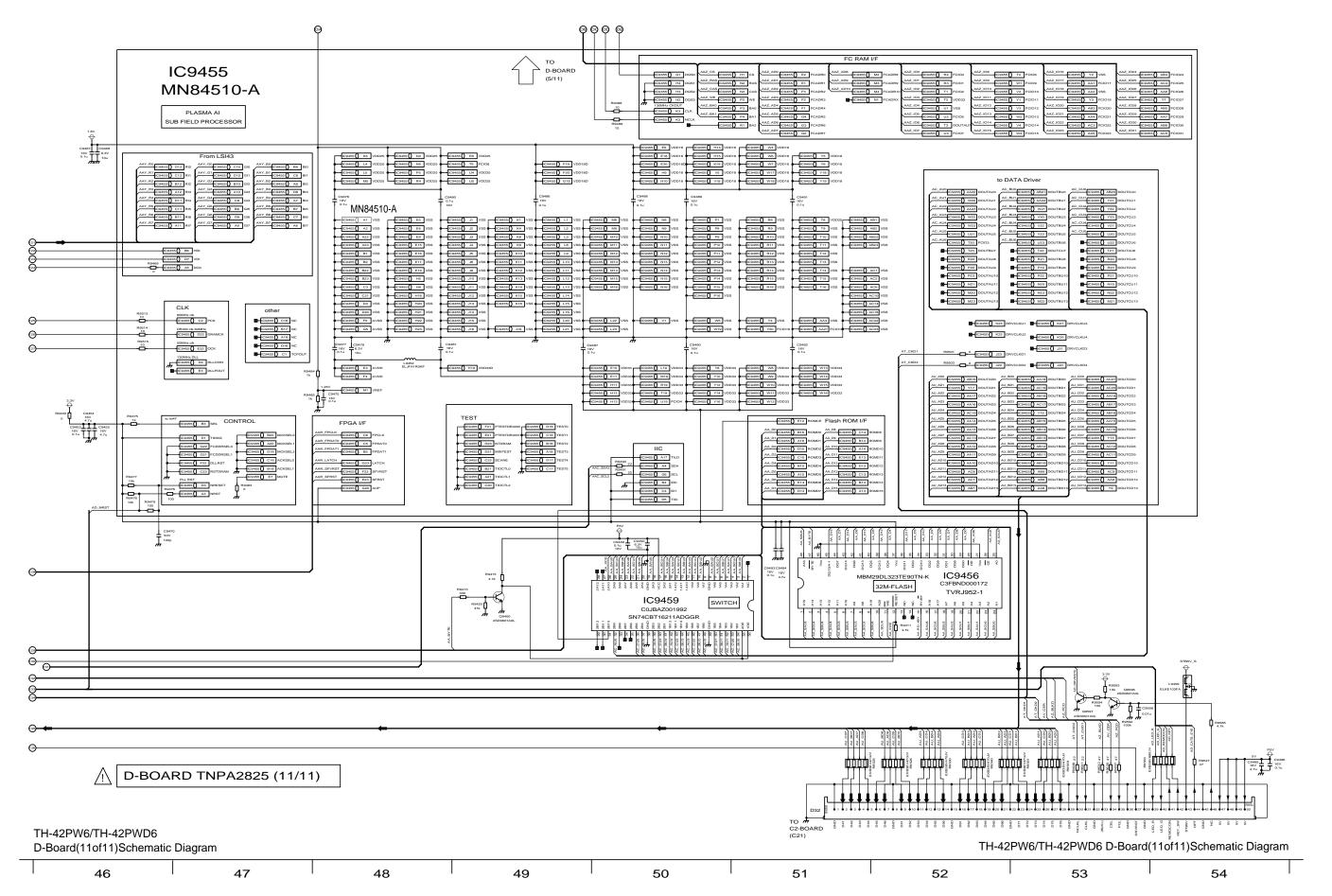


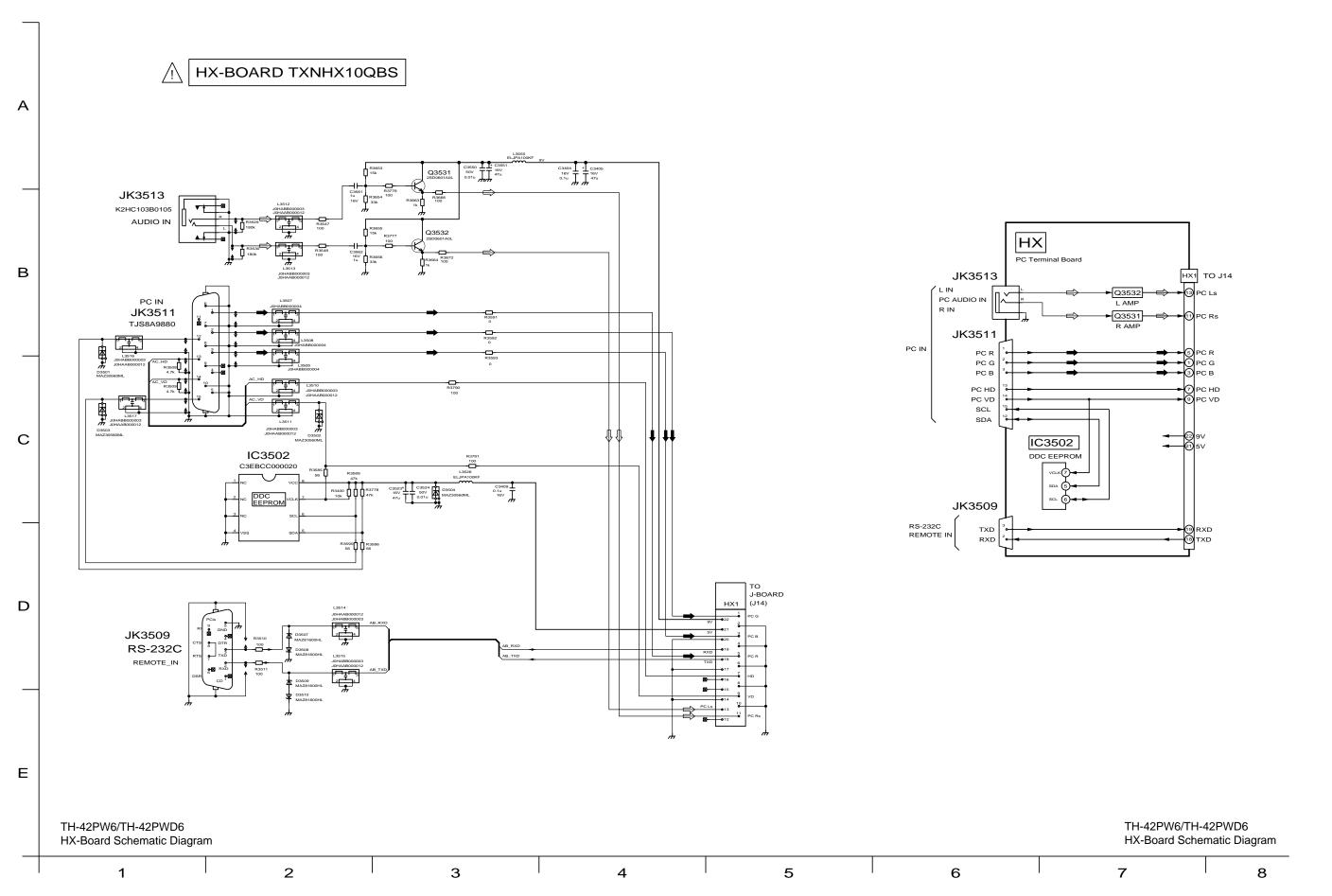












HY-BOARD TXNHY10QBS (2/2) IC3101 CODBEZG00004 RESET AVR 2.5V IC3104 C0EBE0000066 GND VP HP C3265 1+ C3266 4V 16V 220u 0.1u IC3102 IC3251 LVDS TRANSMITTER ERROR DET ++++ Q3103 Global\_tvsiginal\_processing\_CoreLSI GC2M+ ver.2\_for\_Main\_processor IC3302 IC3103 AVR 2.5V For Mid\_CLK PLL Macro IC3699 \*\*\*\*\* TERMINAL BOARD INFORMATION DAC IIC EXPANDER IC3303 AN80L25RMSTX AVR 2.5V IC3305 C0JBAZ000801 5V=>3.3V IC3301 AVR 3.3V 5V=>3.3V TH-42PW6/TH-42PWD6 TH-42PW6/TH-42PWD6 HY-Board(2of2)Schematic Diagram HY-Board(2of2)Schematic Diagram

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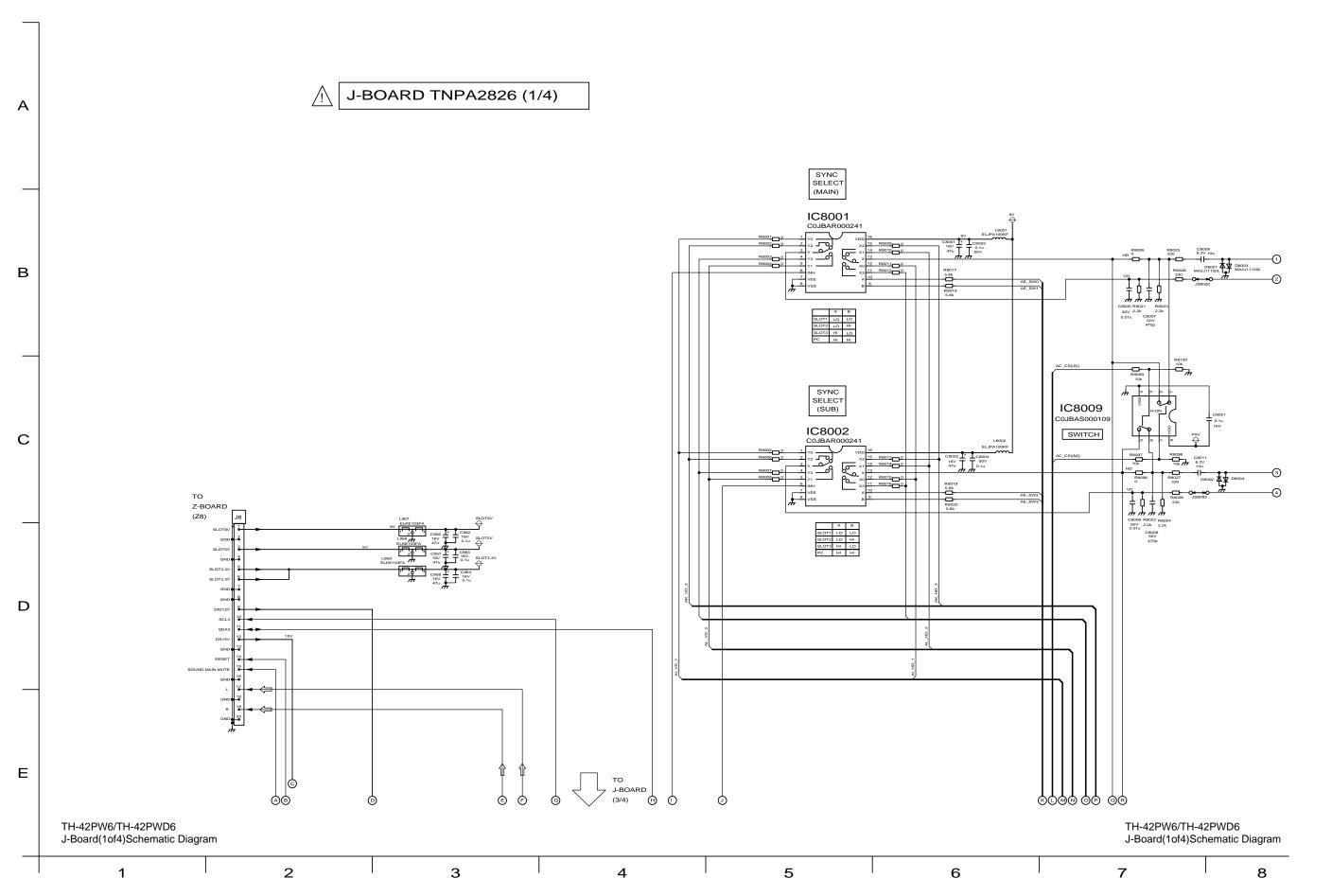
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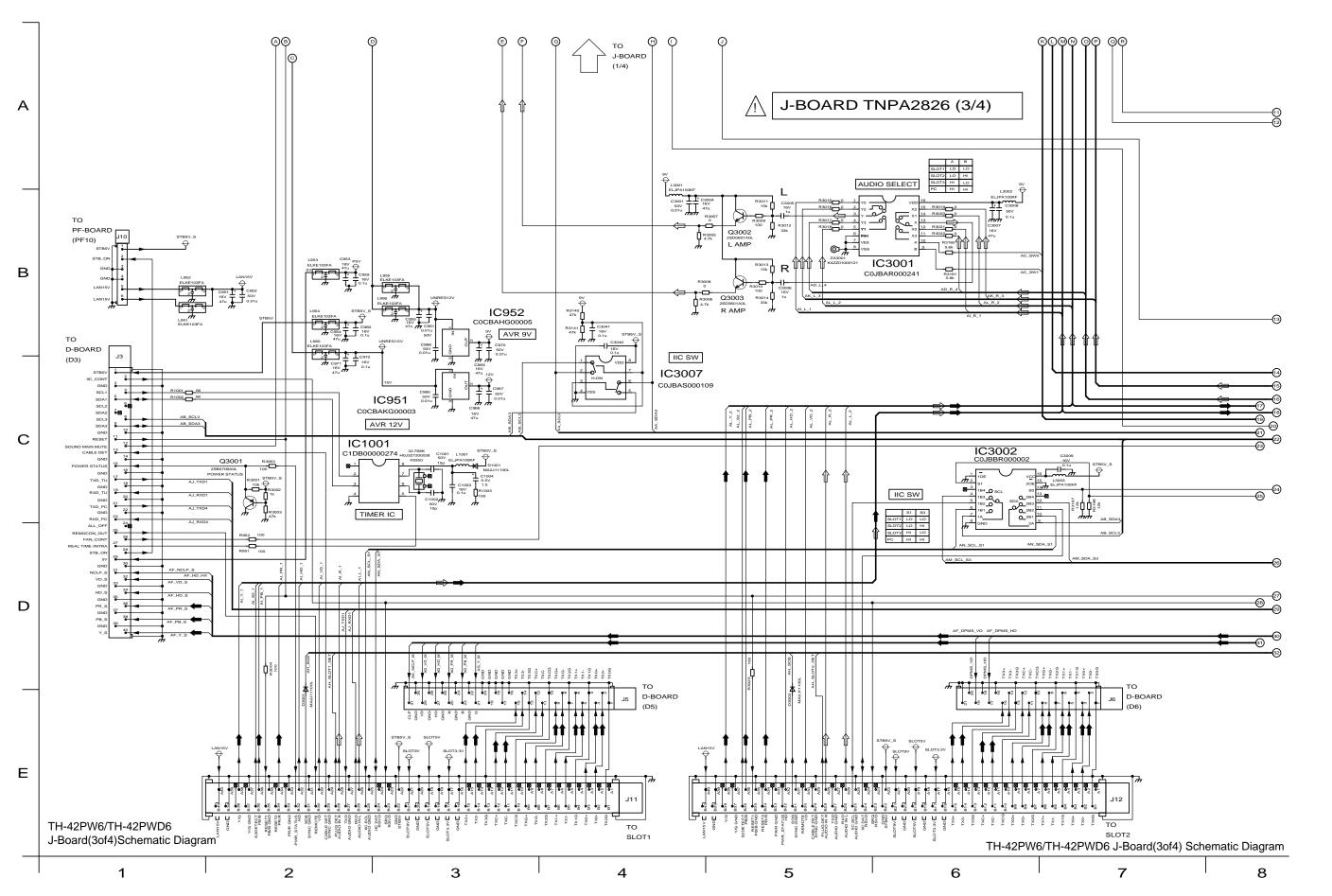
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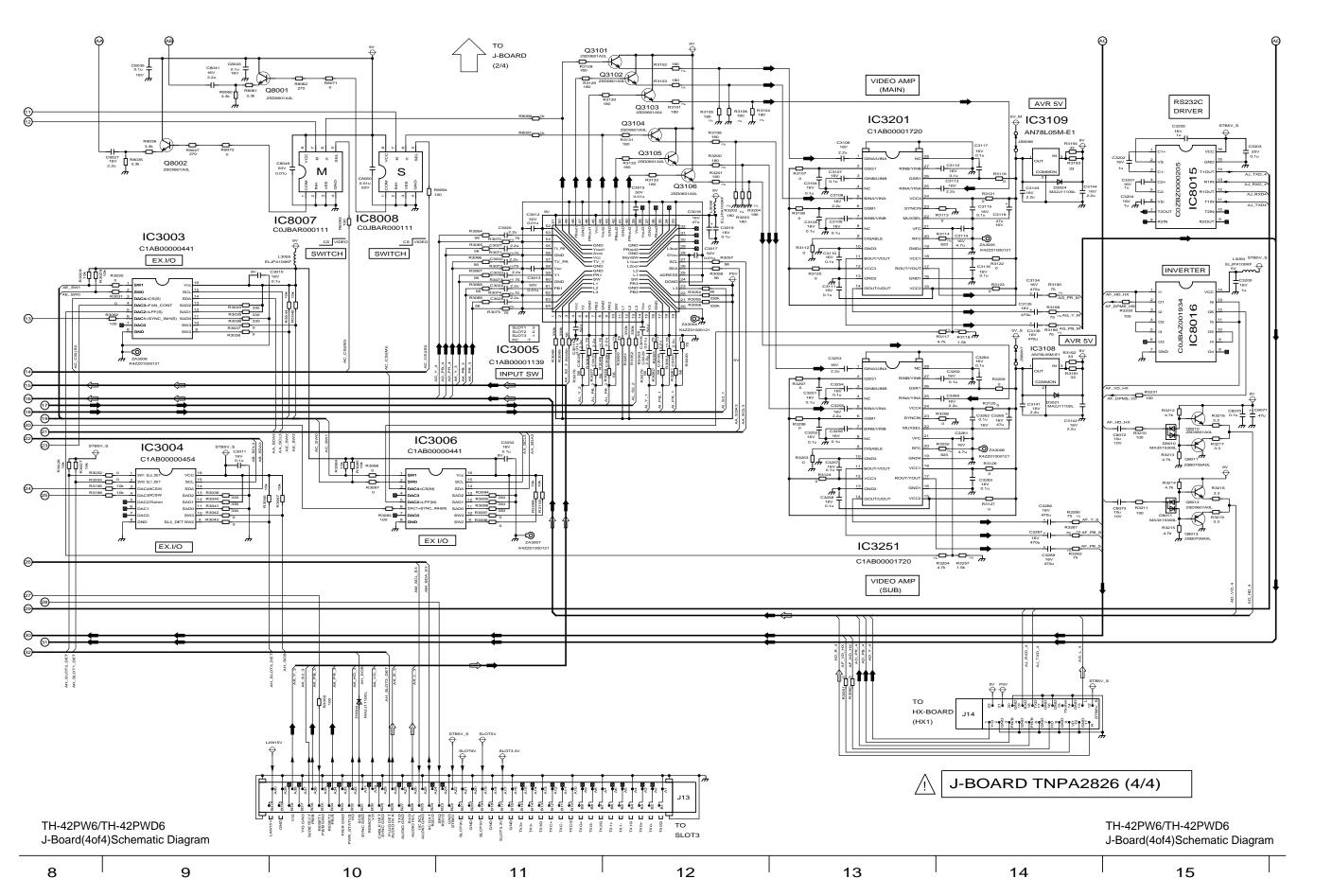
12

13



## J-BOARD TNPA2826 (2/4) SYNC SIGNAL PROCESSOR (MAIN) IC8003 C1AA00000395 INVERTER SYNC SIGNAL PROCESSOR (SUB) IC8004 L8007 ELJPA100KF INVERTER TH-42PW6/TH-42PWD6 J-Board(2of4)Schematic Diagram TH-42PW6/TH-42PWD6 J-Board(2of4)Schematic Diagram 12 13 8 9 10 11 14 15





## **Important Safety Notice**

Components identified by  $\Delta$  mark have special characteristics important for safety. When replacing any of these components, use only manufacture's specified parts.

N	ot	es
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ote	S:					
1.	Resistor					
	All resistors are cabon 1/4W resistor, unless marked as follows:					
	Unit of resistance is OHM [ ] (K=1,000, M=1,	000,000).				
	: Nonflammable	$\boxtimes$	: Metal Oxide			
	∴ : Solid	0	: Metal Film			
	: Wire Wound	$\bigotimes$	: Fuse:			
2.	Capacitor	O				
	All capacitors are ceramic 50V capacitor, unless marked as follows:					
	Unit of capacitance is F, unless otherwise noted.					
			: Electrolytic			
	: Polyester		: Bipolar			
		T				
		(Z)	: Z-Type			
3.	Coil					
	Unit of inductance is F, unless otherwise not	ed.				
4.	Test Point					
5.	Earth Symbol					
	ய் : Chassis Earth (Cold)	$\downarrow$	: Line Earth (Hot)			
6.	. Voltage Measurement					
	Voltage is measured by a DC voltmeter.					
	Conditions of the measurement are the following:					
	Power SourceAC 120V, 50/60Hz					
			(UY VERSION model)/			
			AC220-240V, 50/60Hz			
			(Except UY VERSION)			
	Receiving Signal					
	All customer's controls		. Maximum positions			
7.	Number in red circle indicates waveform nem	oer.				
	(See waveform pattern table.)					
8.	. When arrow mark ( ✓) is found, connection is easily found from the direction of arrow					
	Indicates the major signal flow. : Video		Audio ⇒			
10.	10. This schematic diagram is the latest at the time of printing and subject to change without					
	notice.					

## Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.

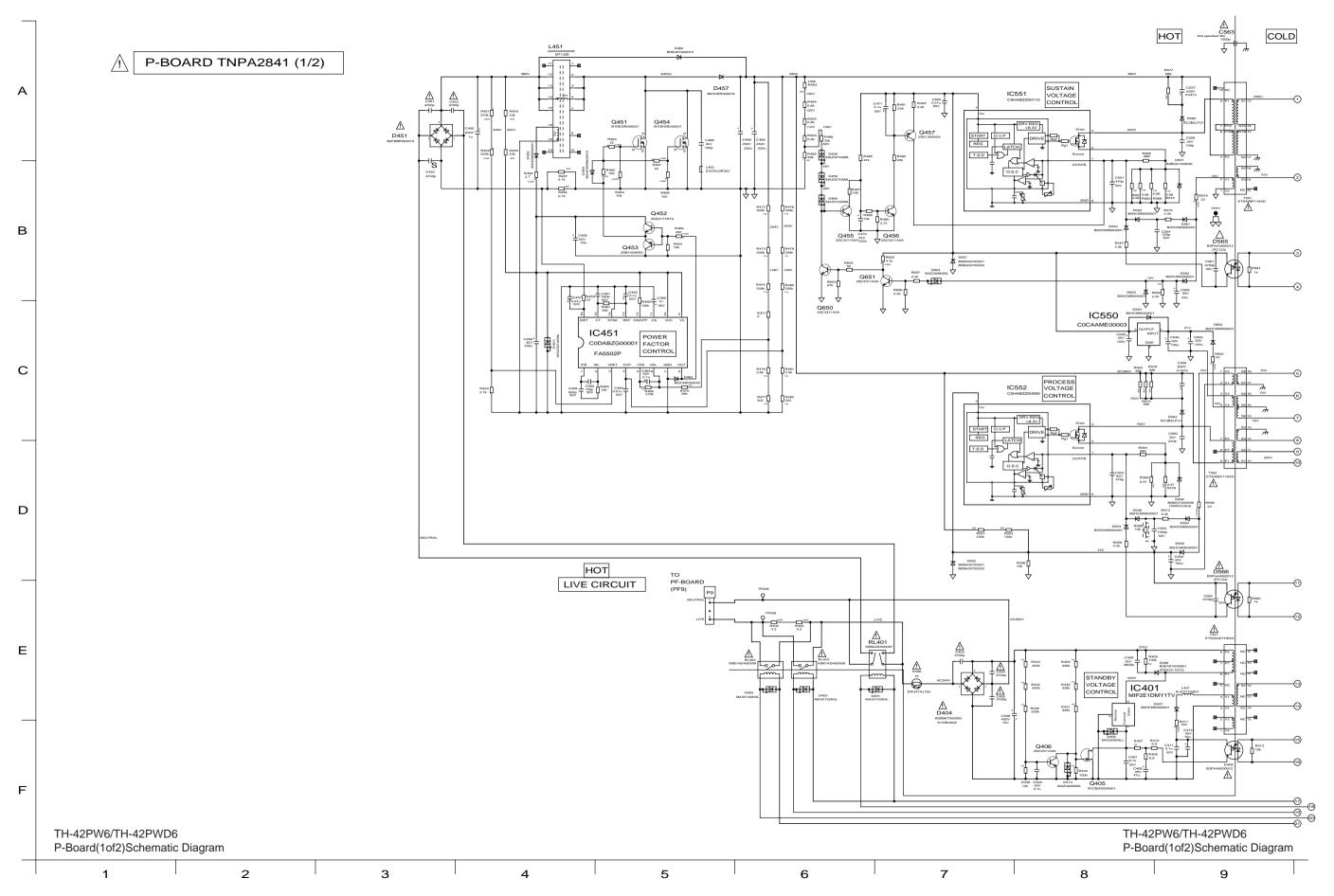
The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.

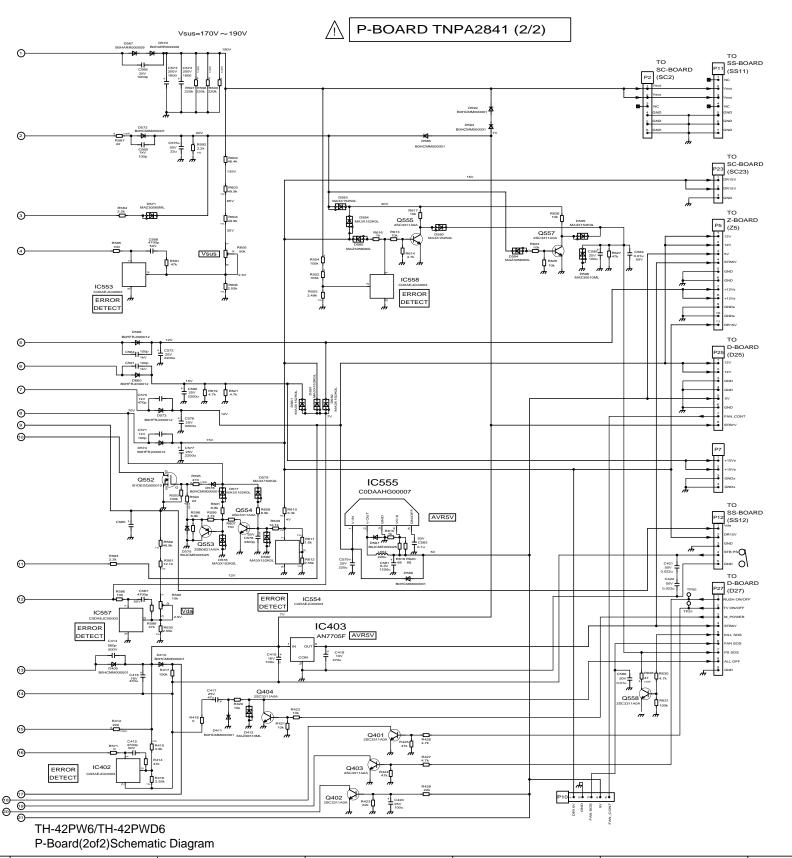
All circuits, except the Power Circuit, are cold.

**Precautions** 

- a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
- b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
- c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
- d. Make sure to disconnect the power plug before removing the chassis.
- 2. Following diodes are interchangeable.

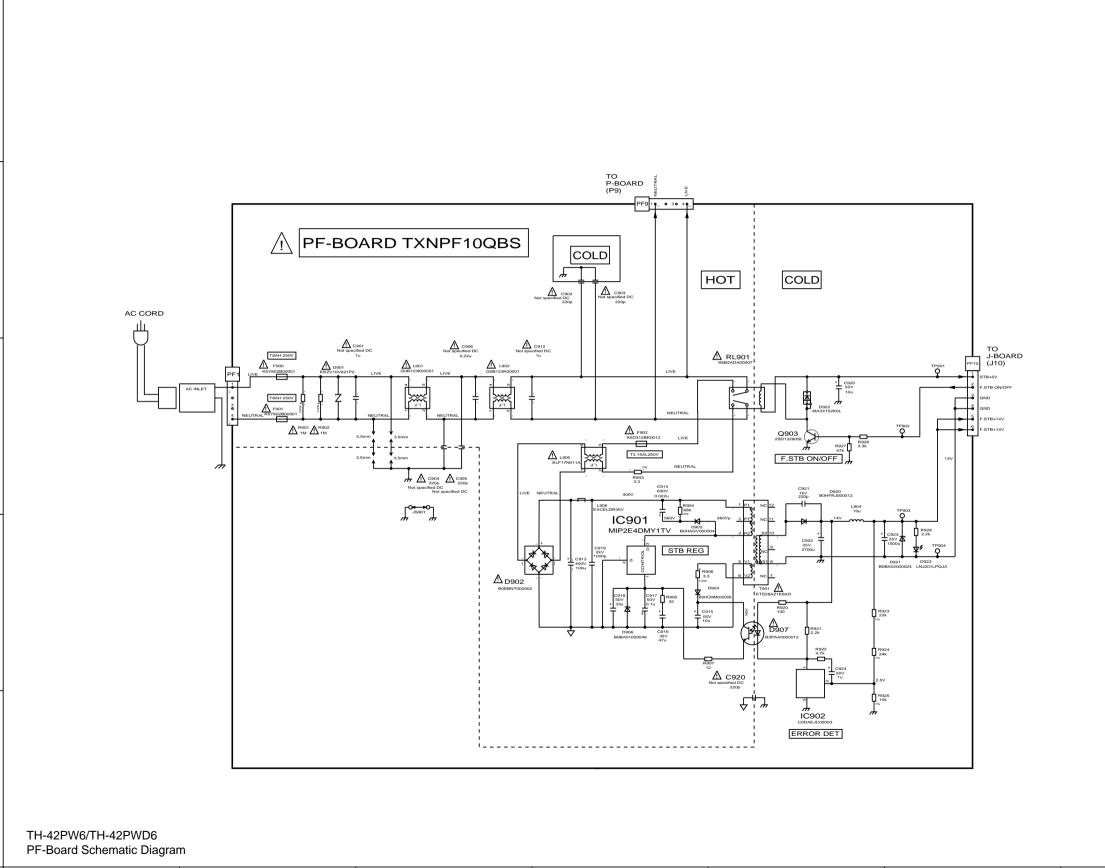
MA150- MA162 (Replacement part)





TH-42PW6/TH-42PWD6 P-Board(2of2)Schematic Diagram

10 11 12 13 14 15 16 17 18



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 PF-Board Schematic Diagram

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TH-42PW6/TH-42PWD6

